

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101164.D
 Acq On : 31 Mar 2021 16:22
 Operator : CG/JU
 Sample : M1835-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ASR7RE

Quant Time: Mar 31 17:04:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:11:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

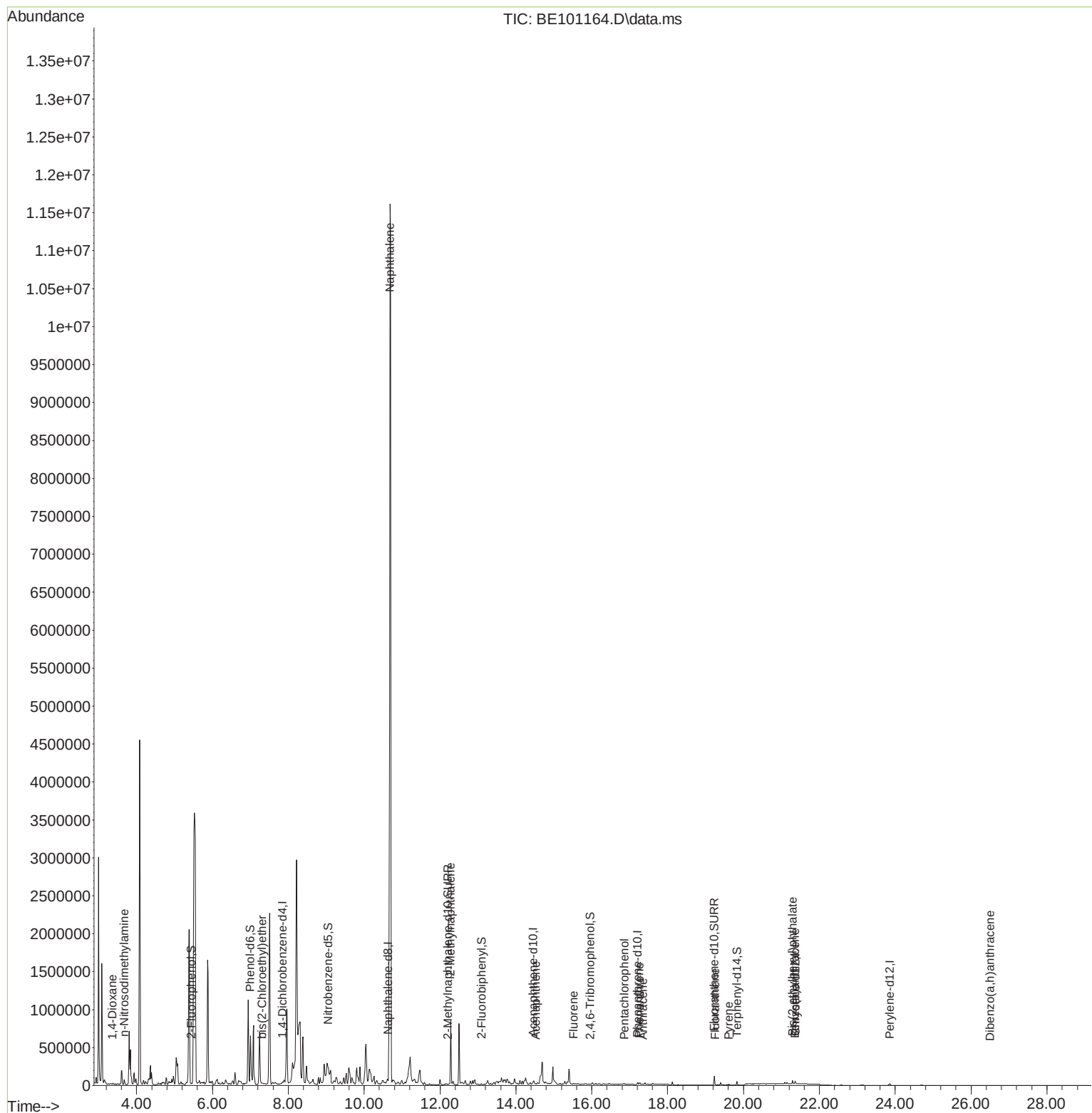
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4474	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	20158	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	22553	0.40	ng	#-0.02
19) Phenanthrene-d10	17.211	188	32423	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	38327	0.40	ng	#-0.01
36) Perylene-d12	23.852	264	37114	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.446	112	7770	0.74	ng	0.01
5) Phenol-d6	7.001	99	2923	0.18	ng	0.00
8) Nitrobenzene-d5	9.055	82	117881	9.80	ng	0.06
11) 2-Methylnaphthalene-d10	12.209	152	11992	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1568	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	15748	0.19	ng	-0.02
27) Fluoranthene-d10	19.227	212	159968	0.39	ng	0.00
31) Terphenyl-d14	19.825	244	38679	0.44	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.362	88	652	0.09	ng	# 16
3) n-Nitrosodimethylamine	3.684	42	9421	1.24	ng	# 3
6) bis(2-Chloroethyl)ether	7.312	93	1793	0.13	ng	# 1
9) Naphthalene	10.679	128	22113630	107.72	ng	# 96
12) 2-Methylnaphthalene	12.281	142	575525	16.30	ng	99
17) Acenaphthene	14.529	154	4341	0.07	ng	# 51
18) Fluorene	15.518	166	9196	0.11	ng	# 79
24) Pentachlorophenol	16.863	266	91	0.02	ng	87
25) Phenanthrene	17.257	178	10776	0.12	ng	# 75
26) Anthracene	17.347	178	2790	0.04	ng	# 70
28) Fluoranthene	19.256	202	7118	0.06	ng	# 69
30) Pyrene	19.618	202	7272	0.06	ng	# 86
32) Benzo(a)anthracene	21.354	228	2205	0.02	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.293	149	50935	0.79	ng	100
40) Dibenzo(a,h)anthracene	26.502	278	138	0.10	ng	# 1

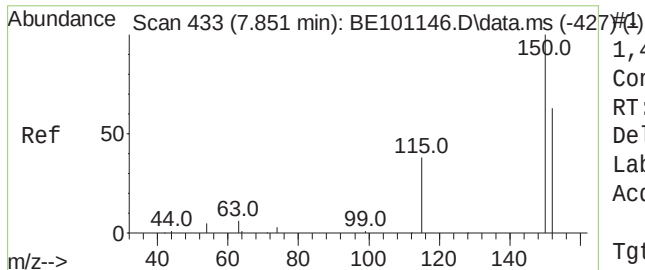
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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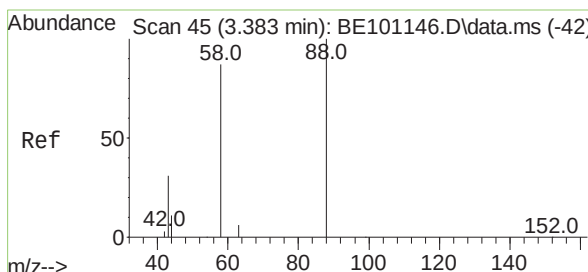
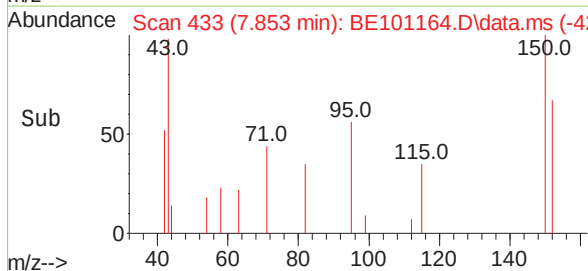
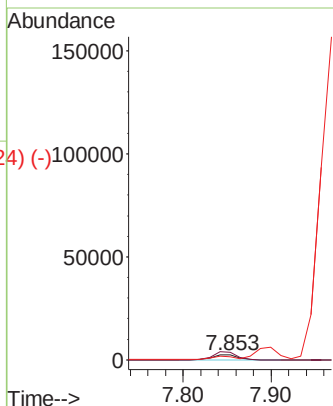
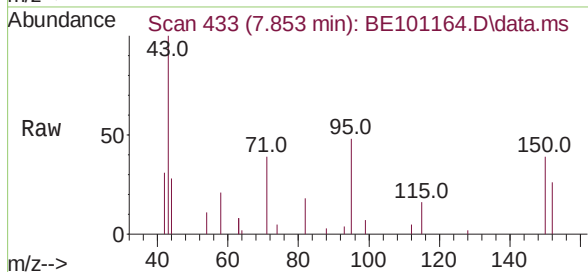




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.853 min Scan# 433
Delta R.T. 0.002 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

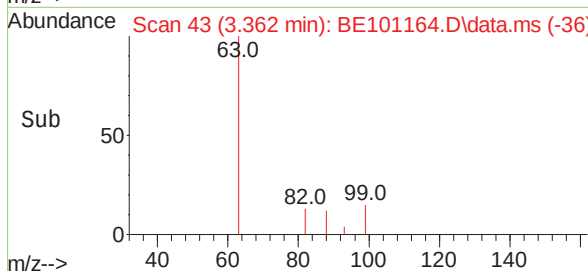
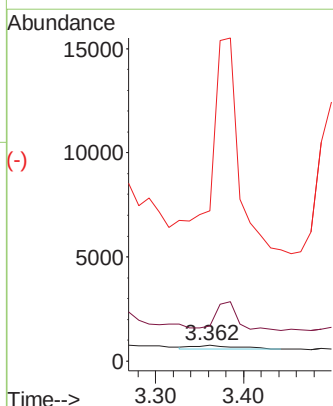
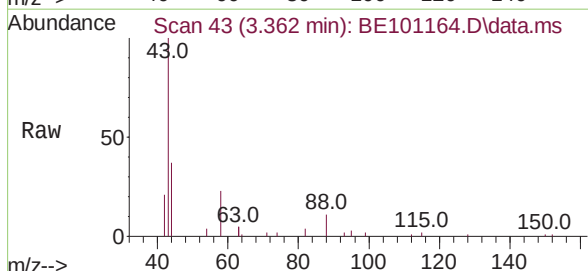
Instrument :
BNA_E
ClientSampleId :
ASR7RE

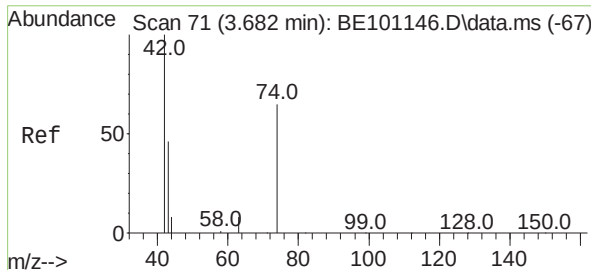
Tgt Ion:152 Resp: 4474
Ion Ratio Lower Upper
152 100
150 147.0 126.3 189.5
115 62.0 48.9 73.3



1,4-Dioxane
Concen: 0.09 ng
RT: 3.362 min Scan# 43
Delta R.T. -0.021 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion: 88 Resp: 652
Ion Ratio Lower Upper
88 100
58 0.0 68.5 102.7#
43 0.0 27.2 40.8#

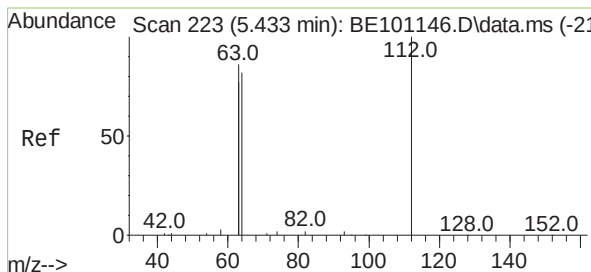
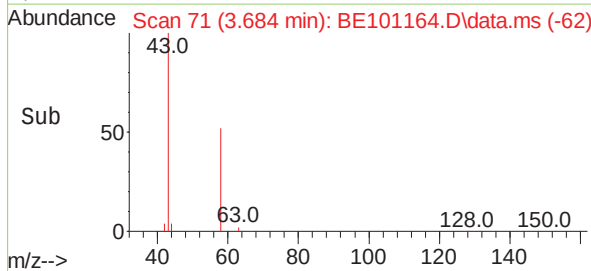
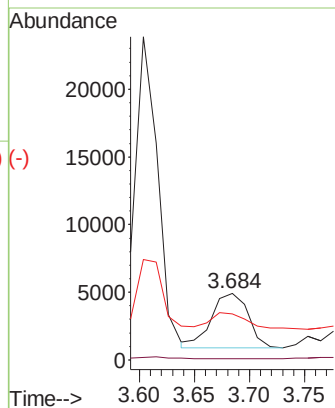
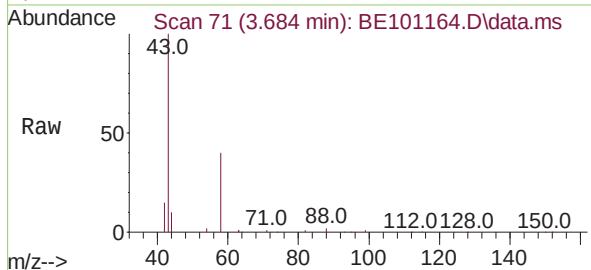




n-Nitrosodimethylamine
Concen: 1.24 ng
RT: 3.684 min Scan# 71
Delta R.T. 0.002 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

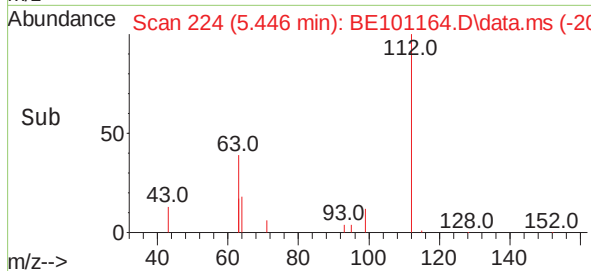
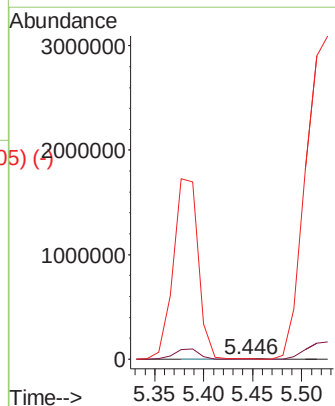
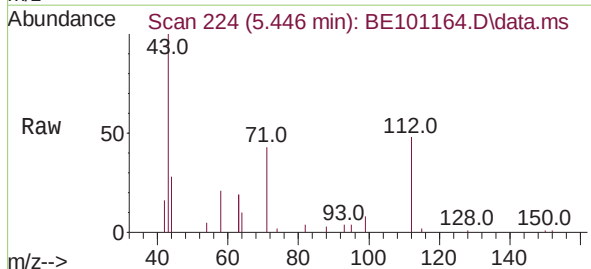
Instrument :
BNA_E
ClientSampleId :
ASR7RE

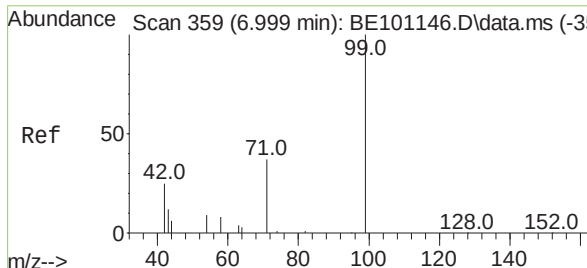
Tgt Ion: 42 Resp: 9421
Ion Ratio Lower Upper
42 100
74 0.4 87.0 130.6#
44 0.0 8.3 12.5#



2-Fluorophenol
Concen: 0.74 ng
RT: 5.446 min Scan# 224
Delta R.T. 0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion: 112 Resp: 7770
Ion Ratio Lower Upper
112 100
64 0.0 60.8 91.2#
63 0.0 119.4 179.0#

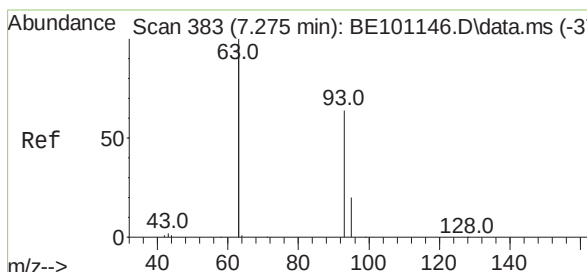
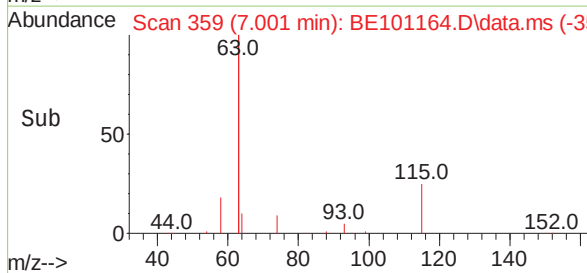
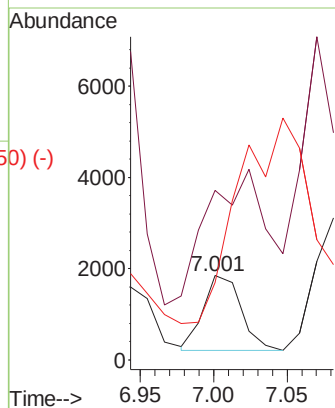
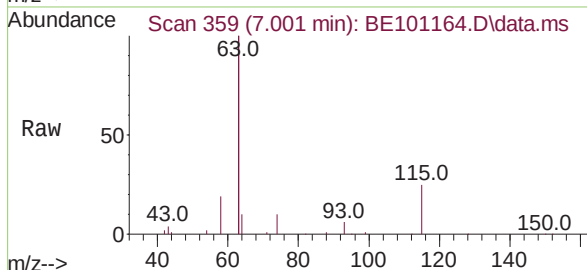




Phenol-d6
Concen: 0.18 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.002 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

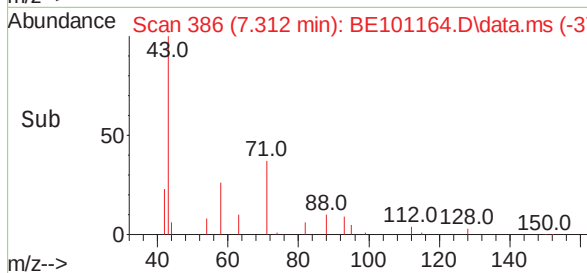
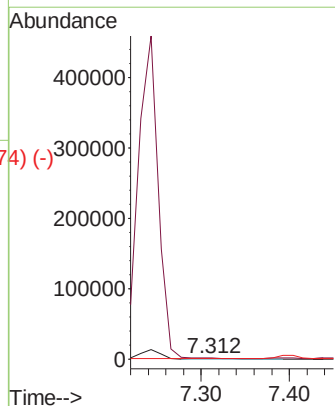
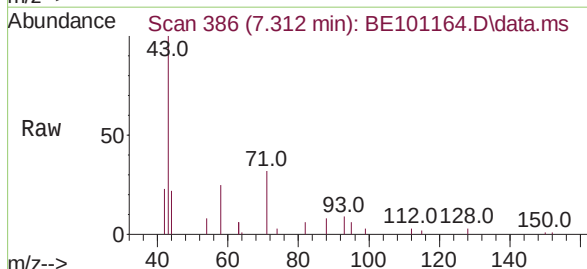
Instrument :
BNA_E
ClientSampleId :
ASR7RE

Tgt Ion:	99	Resp:	2923
Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.8	28.2#
71	0.0	26.3	39.5#

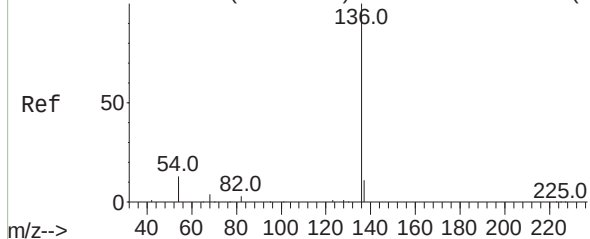


bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 7.312 min Scan# 386
Delta R.T. 0.037 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion:	93	Resp:	1793
Ion	Ratio	Lower	Upper
93	100		
63	0.0	292.5	438.7#
95	37.4	25.8	38.6



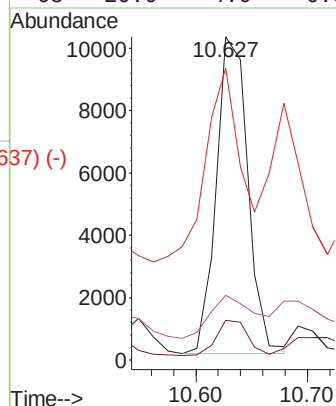
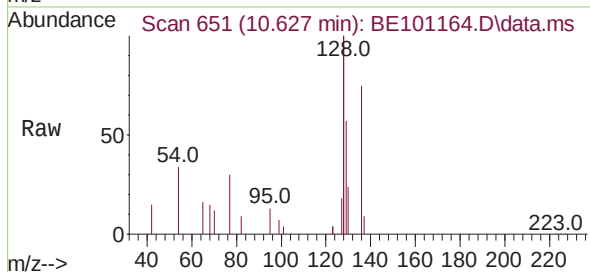
Abundance Scan 652 (10.640 min): BE101146.D\data.ms (-647) (-)



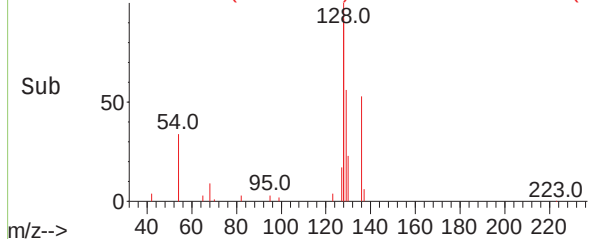
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampleId :
ASR7RE

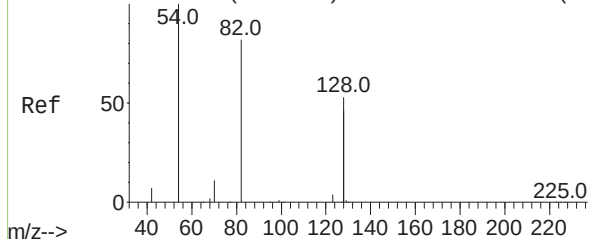
Tgt Ion:	136	Resp:	20158
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.9	13.3
54	90.3	20.2	30.4#
68	20.0	4.0	6.0#



Abundance Scan 651 (10.627 min): BE101164.D\data.ms (-637) (-)

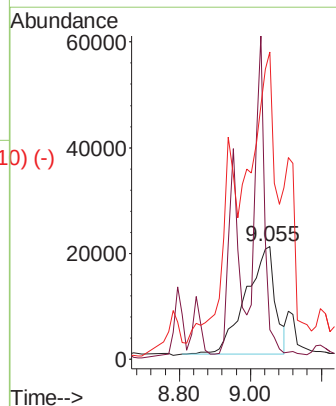
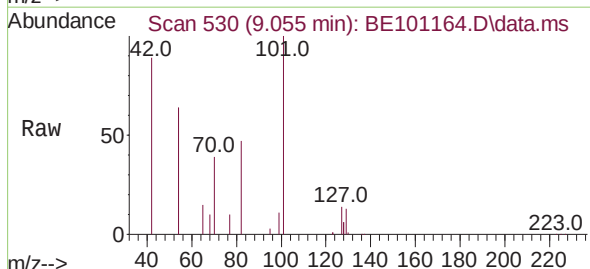


Abundance Scan 525 (8.991 min): BE101146.D\data.ms (-522) (-)

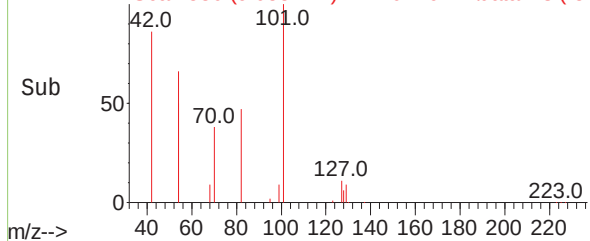


Nitrobenzene-d5
Concen: 9.80 ng
RT: 9.055 min Scan# 530
Delta R.T. 0.064 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

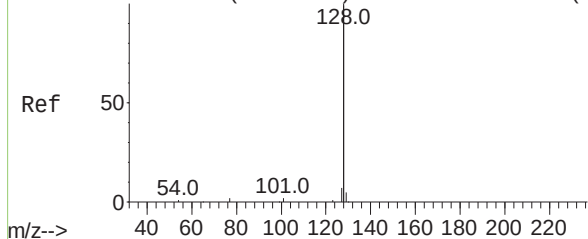
Tgt Ion:	82	Resp:	117881
Ion	Ratio	Lower	Upper
82	100		
128	25.8	101.5	152.3#
54	272.2	189.8	284.6



Abundance Scan 530 (9.055 min): BE101164.D\data.ms (-510) (-)



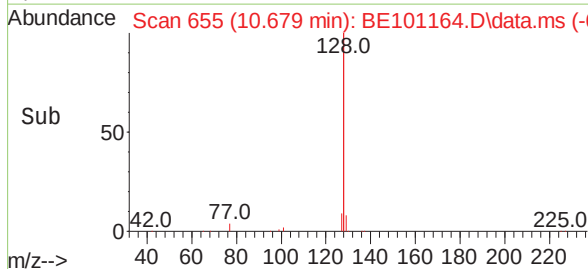
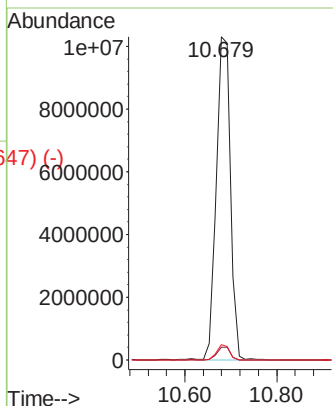
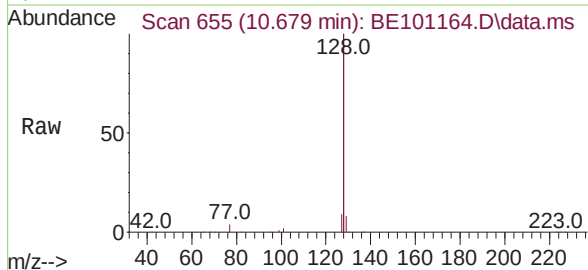
Abundance Scan 655 (10.679 min): BE101146.D\data.ms (-6509-)



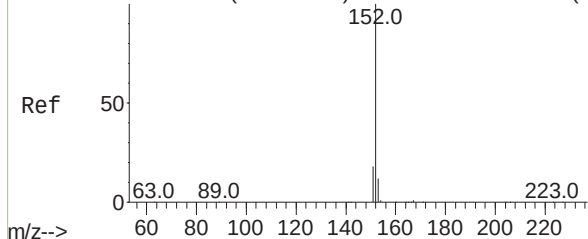
Naphthalene
Concen: 107.72 ng
RT: 10.679 min Scan# 655
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampleId :
ASR7RE

Tgt Ion:128 Resp:22113630
Ion Ratio Lower Upper
128 100
129 3.9 2.2 3.2#
127 4.7 2.7 4.1#

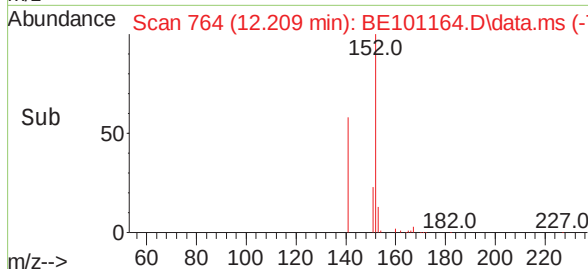
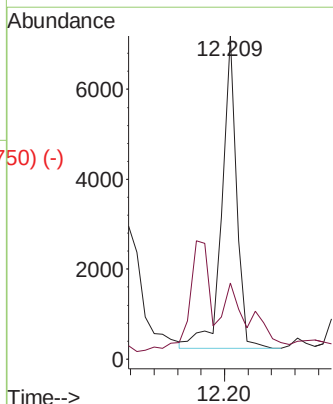
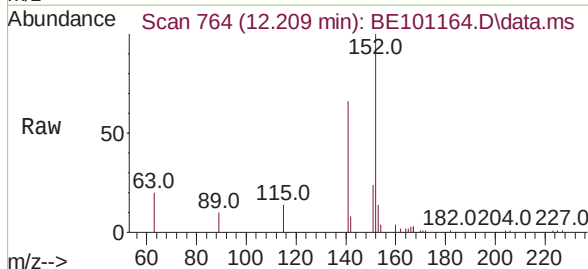


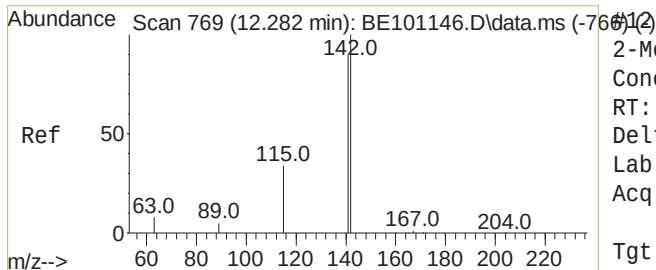
Abundance Scan 764 (12.210 min): BE101146.D\data.ms (-75711)



2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion:152 Resp: 11992
Ion Ratio Lower Upper
152 100
151 30.2 16.6 24.8#

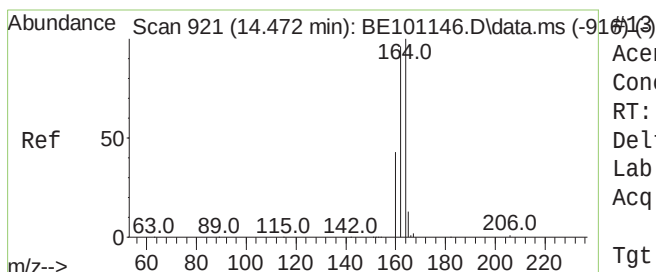
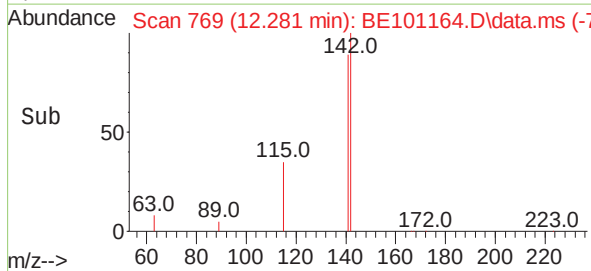
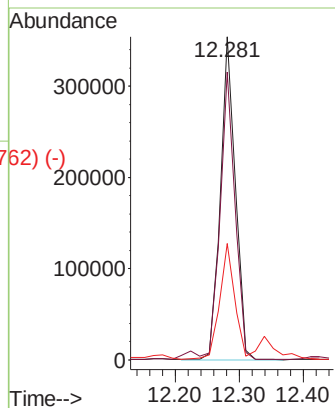
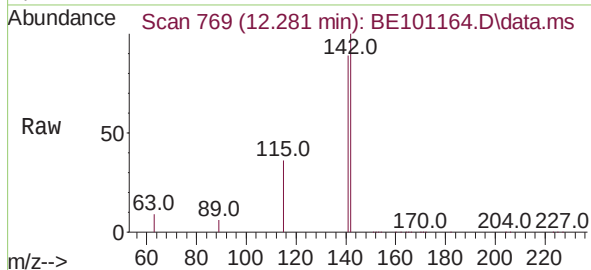




2-Methylnaphthalene
 Concen: 16.30 ng
 RT: 12.281 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

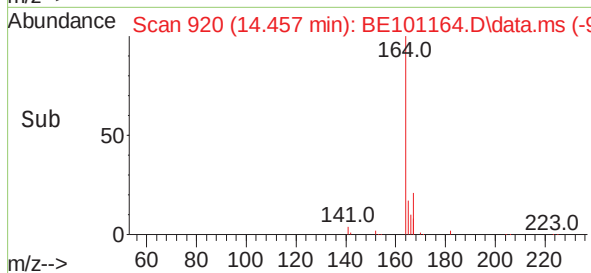
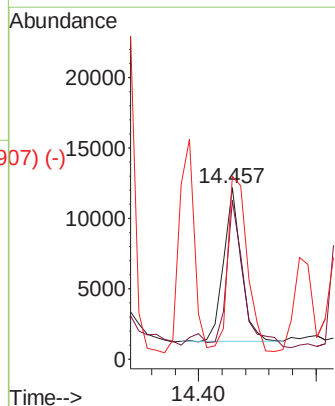
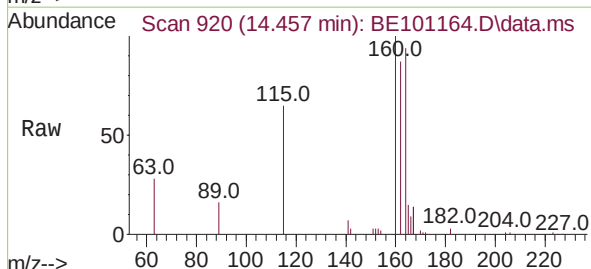
Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:	142	Resp:	575525
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.8	107.6
115	36.0	27.8	41.6



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.457 min Scan# 920
 Delta R.T. -0.015 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

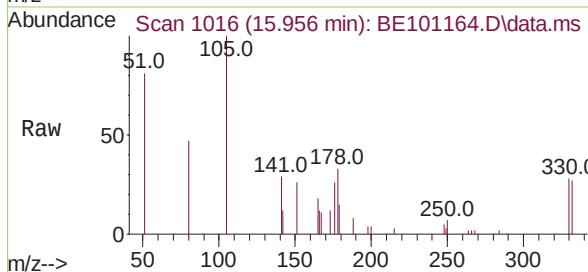
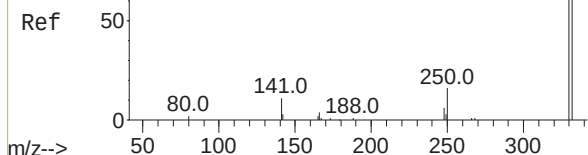
Tgt Ion:	164	Resp:	22553
Ion	Ratio	Lower	Upper
164	100		
162	92.5	76.6	115.0
160	106.8	34.5	51.7#



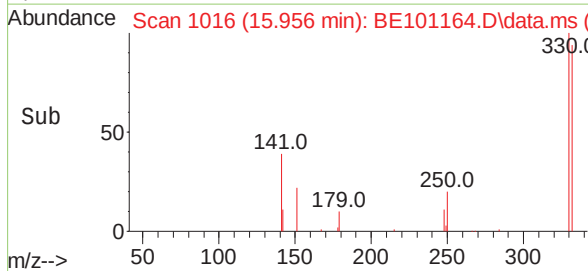
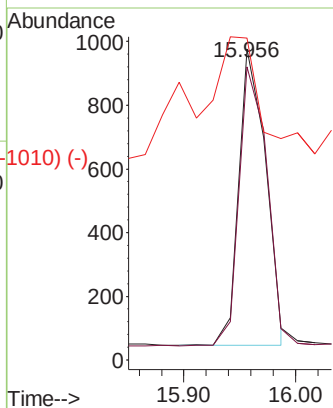
Abundance Scan 1017 (15.970 min): BE101146.D\data.ms (-1013) (-)

2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampled :
ASR7RE

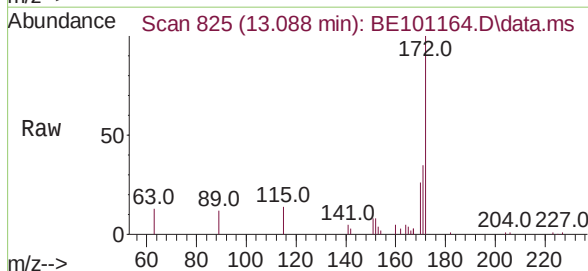
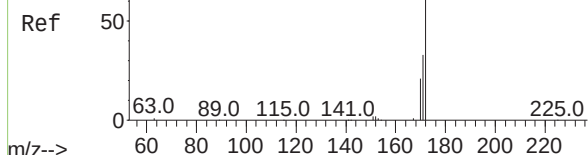


Tgt Ion:	330	Resp:	1568
Ion Ratio	Lower	Upper	
330	100		
332	97.6	69.1	103.7
141	58.7	30.6	45.8#

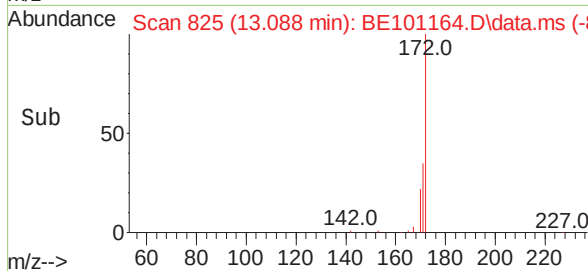
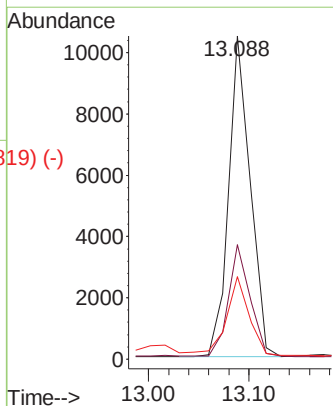


Abundance Scan 826 (13.103 min): BE101146.D\data.ms (-821) (-)

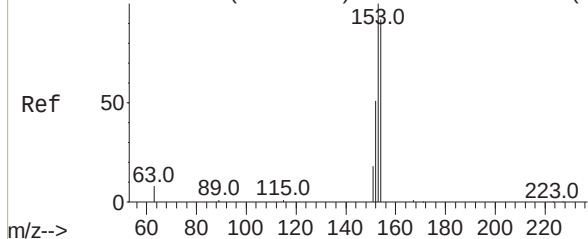
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



Tgt Ion:	172	Resp:	15748
Ion Ratio	Lower	Upper	
172	100		
171	35.4	26.4	39.6
170	25.6	17.4	26.0



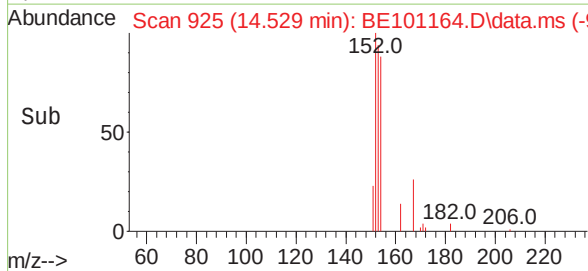
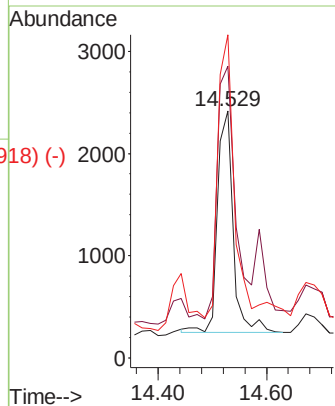
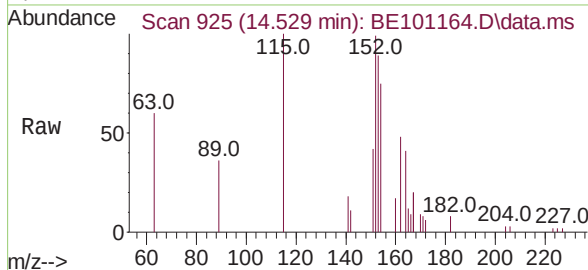
Abundance Scan 925 (14.530 min): BE101146.D\data.ms (-921#17)



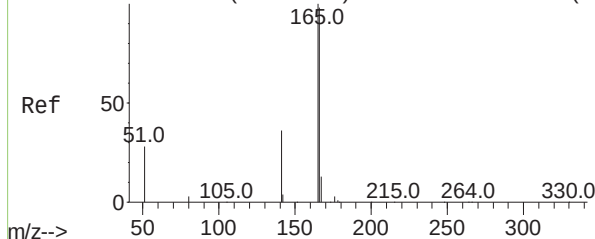
Acenaphthene
Concen: 0.07 ng
RT: 14.529 min Scan# 925
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampleId :
ASR7RE

Tgt Ion:	154	Resp:	4341
Ion	Ratio	Lower	Upper
154	100		
153	131.9	86.7	130.1#
152	130.6	46.1	69.1#

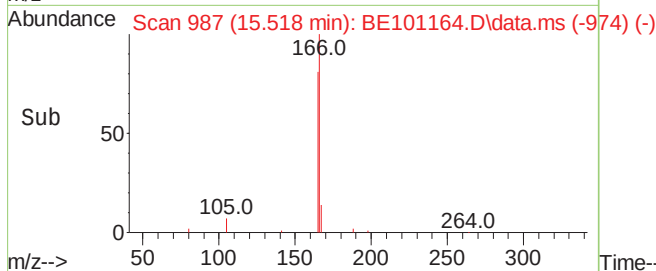
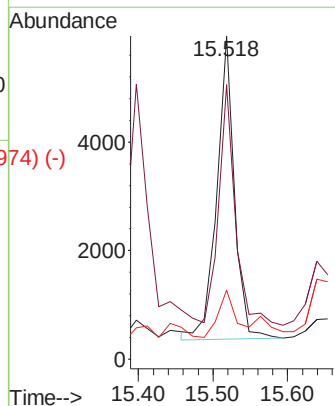
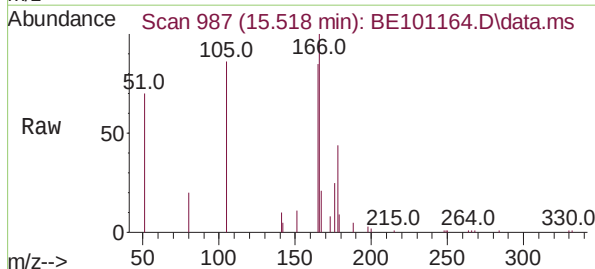


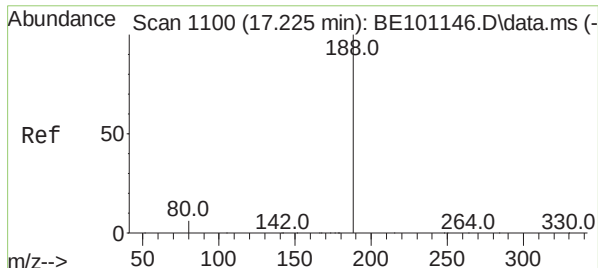
Abundance Scan 987 (15.517 min): BE101146.D\data.ms (-979#18)



Fluorene
Concen: 0.11 ng
RT: 15.518 min Scan# 987
Delta R.T. 0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion:	166	Resp:	9196
Ion	Ratio	Lower	Upper
166	100		
165	75.7	78.9	118.3#
167	15.6	10.7	16.1

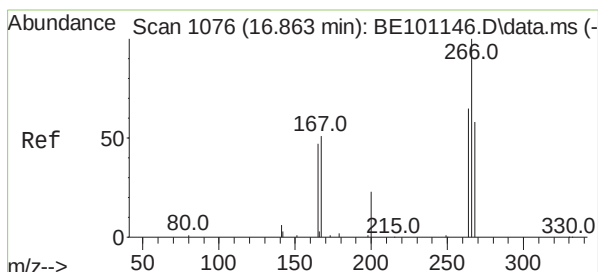
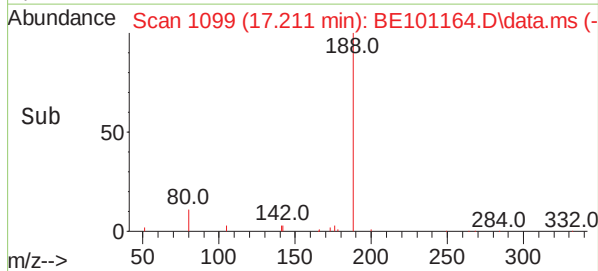
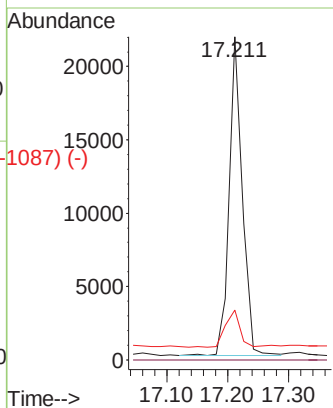
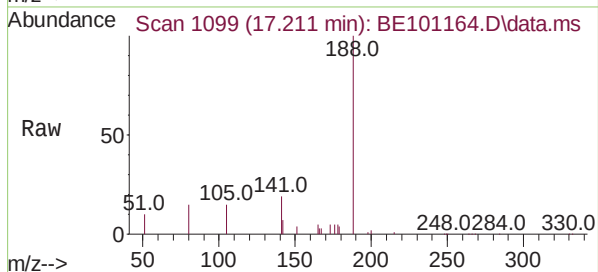




Scan 1100 (17.225 min): BE101146.D\data.ms (-1099) (-)
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.211 min Scan# 1099
 Delta R.T. -0.014 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

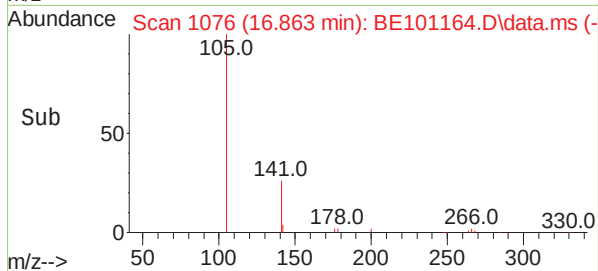
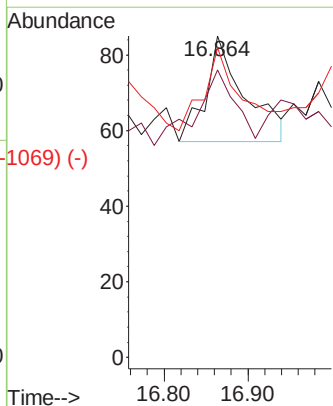
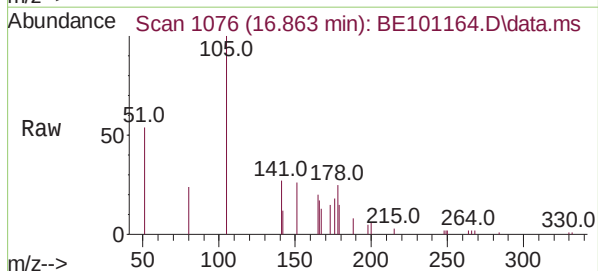
Instrument :
 BNA_E
 ClientSampleId :
 ASR7RE

Tgt Ion:	188	Resp:	32423
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.5	4.8	7.2#



Scan 1076 (16.863 min): BE101146.D\data.ms (-1073) (-)
 Pentachlorophenol
 Concen: 0.02 ng
 RT: 16.863 min Scan# 1076
 Delta R.T. 0.000 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

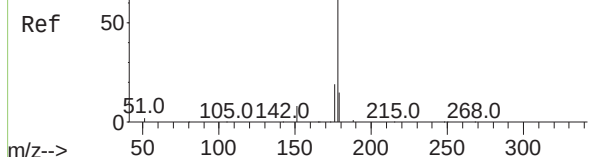
Tgt Ion:	266	Resp:	91
Ion Ratio	Lower	Upper	
266	100		
264	72.5	51.4	77.0
268	74.7	49.9	74.9



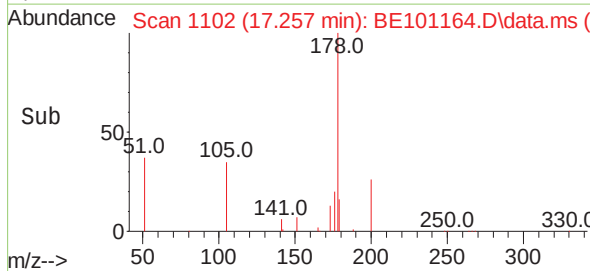
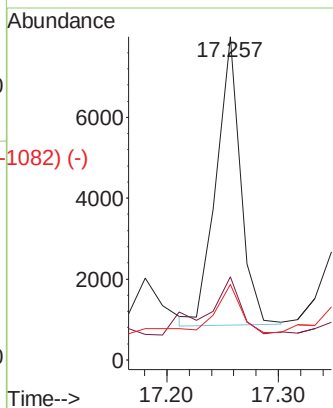
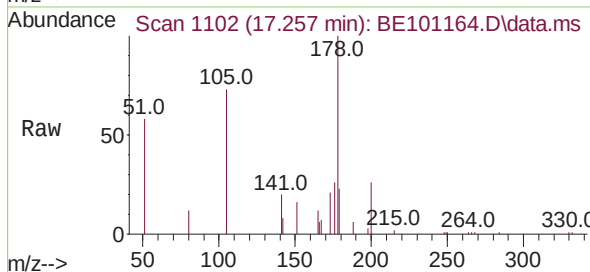
Abundance Scan 1102 (17.256 min): BE101146.D\data.ms (-1082) (-)

Phenanthrene
Concen: 0.12 ng
RT: 17.257 min Scan# 1102
Delta R.T. 0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampleId :
ASR7RE



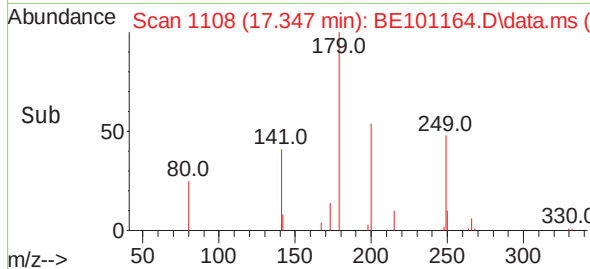
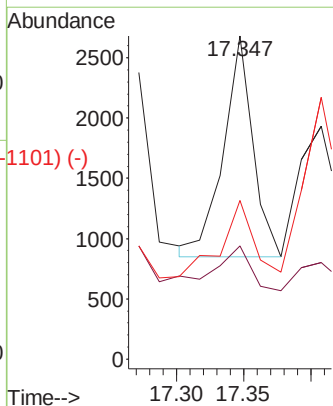
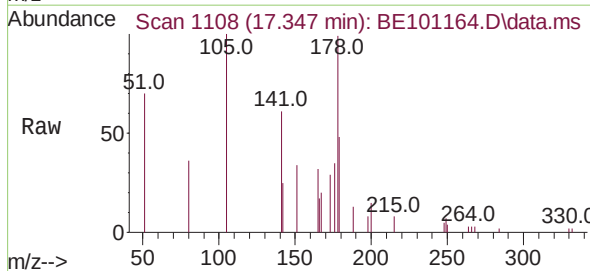
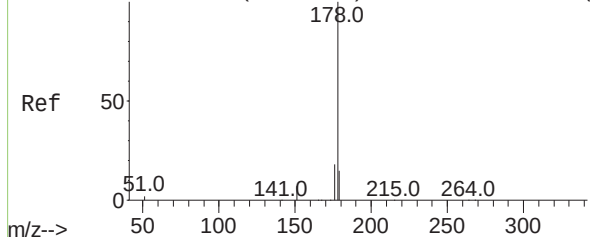
Tgt Ion:	178	Resp:	10776
Ion	Ratio	Lower	Upper
178	100		
176	30.1	14.7	22.1#
179	25.2	12.4	18.6#



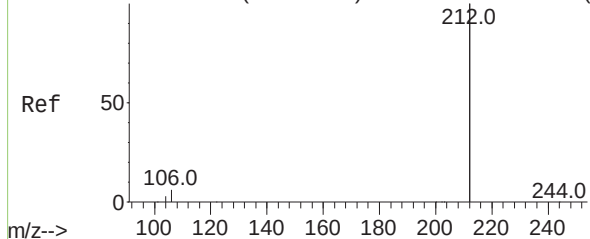
Abundance Scan 1108 (17.346 min): BE101146.D\data.ms (-1101) (-)

Anthracene
Concen: 0.04 ng
RT: 17.347 min Scan# 1108
Delta R.T. 0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion:	178	Resp:	2790
Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.4	21.6
179	39.8	12.2	18.4#



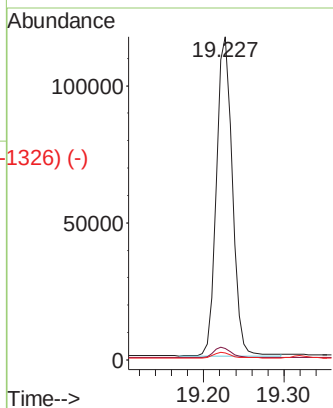
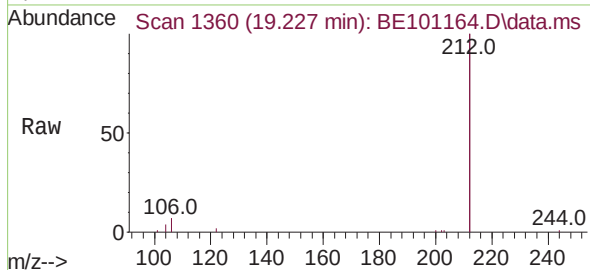
Abundance Scan 1361 (19.232 min): BE1011146.D\data.ms (-1325) (-)



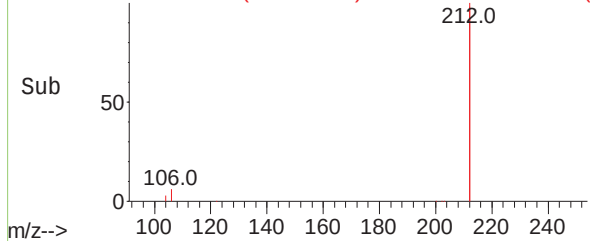
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.227 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampleId :
ASR7RE

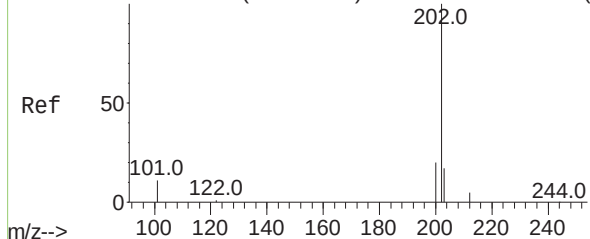
Tgt Ion:	212	Resp:	159968
Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	3.8
104	1.9	1.4	2.2



Abundance Scan 1360 (19.227 min): BE101164.D\data.ms (-1326) (-)

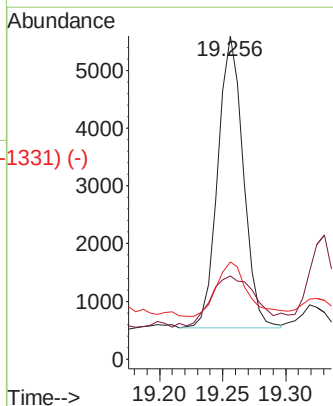
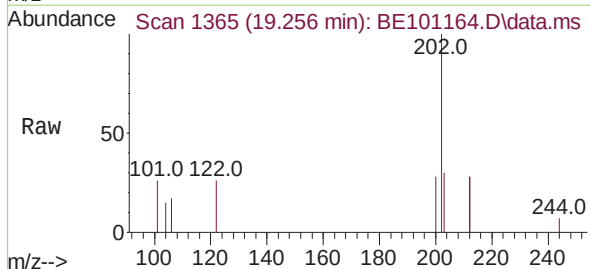


Abundance Scan 1366 (19.261 min): BE1011146.D\data.ms (-1329) (-)

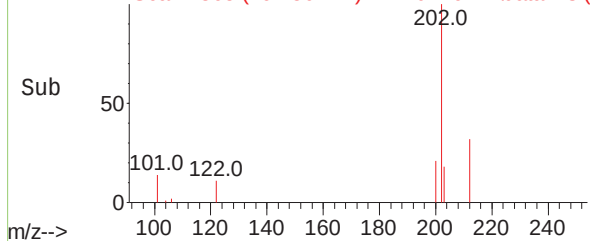


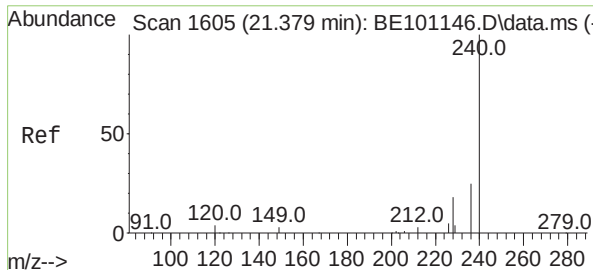
Fluoranthene
Concen: 0.06 ng
RT: 19.256 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion:	202	Resp:	7118
Ion	Ratio	Lower	Upper
202	100		
101	32.8	8.9	13.3#
203	23.1	13.8	20.6#



Abundance Scan 1365 (19.256 min): BE101164.D\data.ms (-1331) (-)

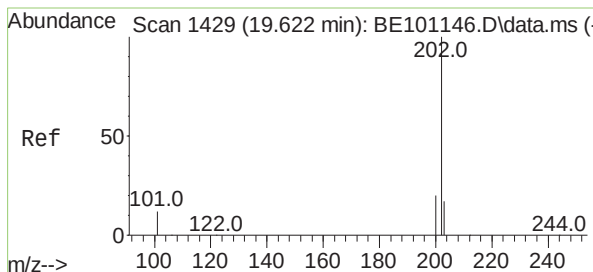
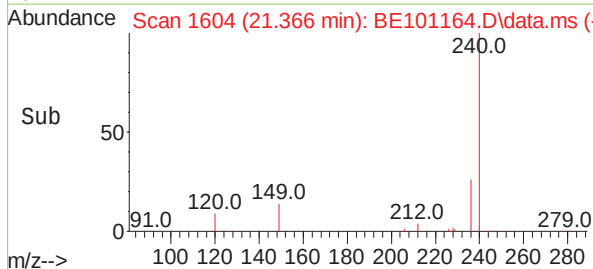
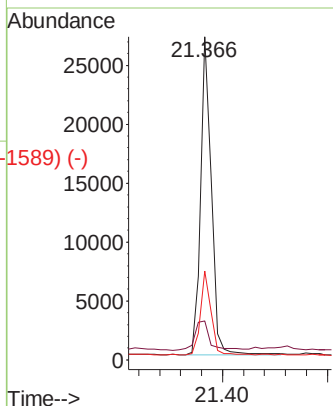
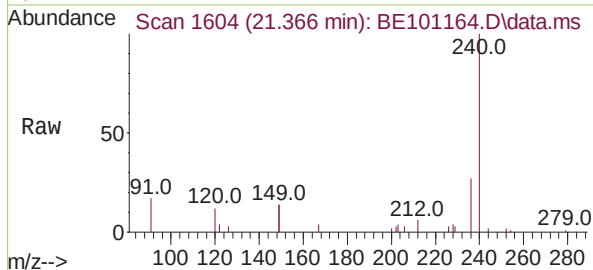




Chrysene-d12
 Concen: 0.40 ng
 RT: 21.366 min Scan# 1604
 Delta R.T. -0.013 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

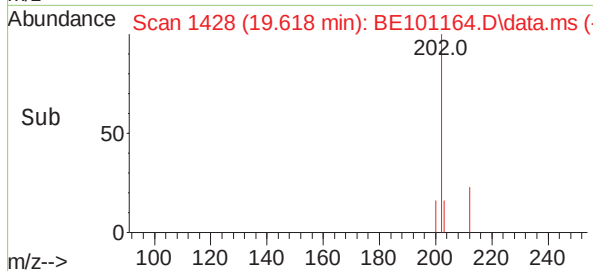
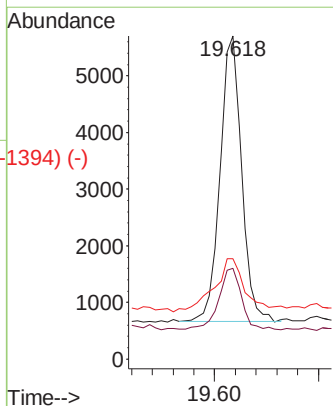
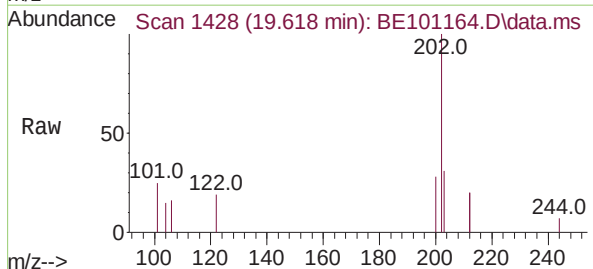
Instrument :
 BNA_E
 ClientSampleId :
 ASR7RE

Tgt Ion:	240	Resp:	38327
Ion	Ratio	Lower	Upper
240	100		
120	12.0	4.1	6.1#
236	27.5	20.3	30.5



Pyrene
 Concen: 0.06 ng
 RT: 19.618 min Scan# 1428
 Delta R.T. -0.005 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

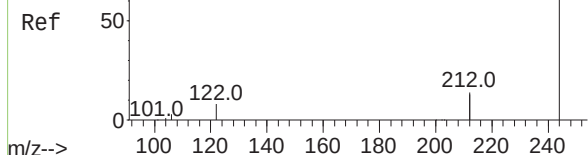
Tgt Ion:	202	Resp:	7272
Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.2	24.2
203	27.0	13.9	20.9#



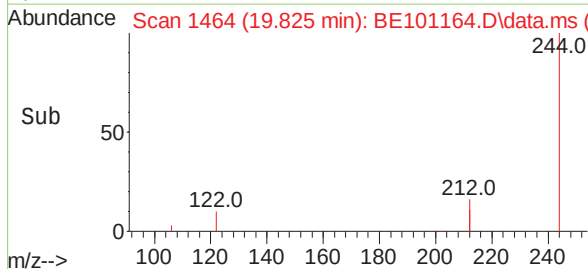
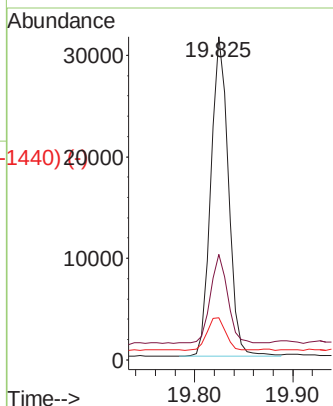
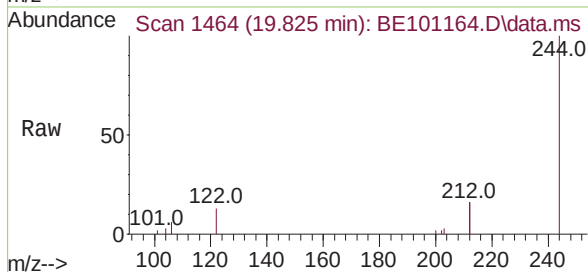
Abundance Scan 1466 (19.835 min): BE101146.D\data.ms (-1438) (-)

Terphenyl-d14
Concen: 0.44 ng
RT: 19.825 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampleId :
ASR7RE

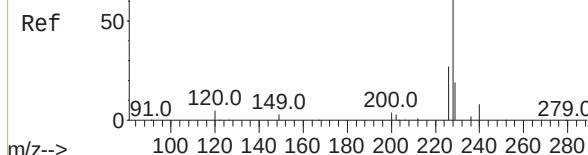


Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.6	21.7	32.5#
122	13.1	6.6	10.0#

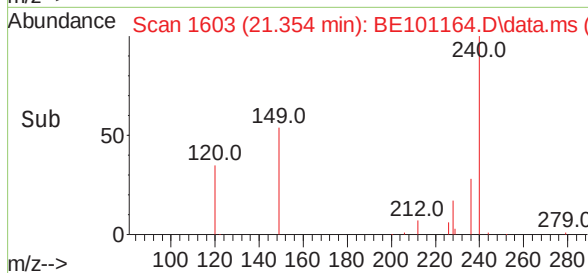
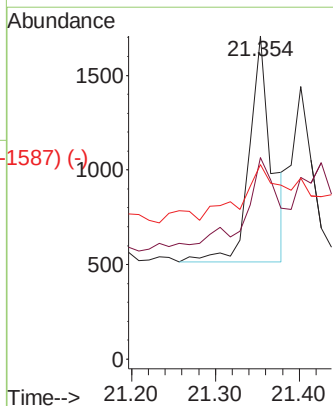
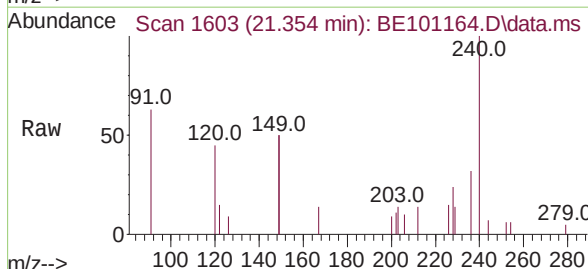


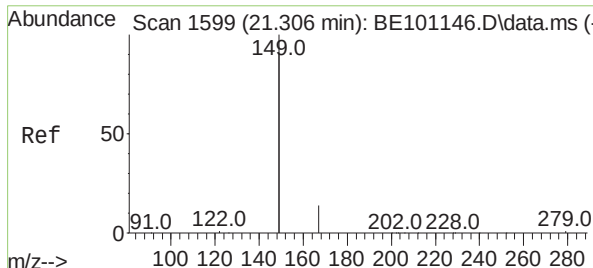
Abundance Scan 1603 (21.354 min): BE101146.D\data.ms (-1594) (-)

Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



Tgt Ion	Ratio	Lower	Upper
228	100		
226	62.3	21.8	32.8#
229	60.1	15.4	23.0#

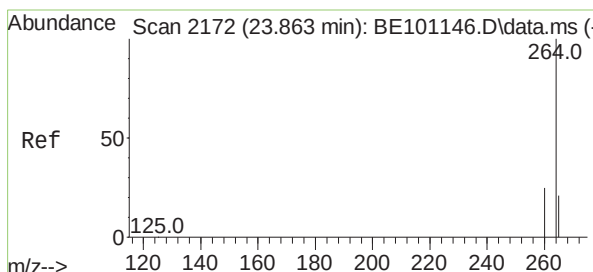
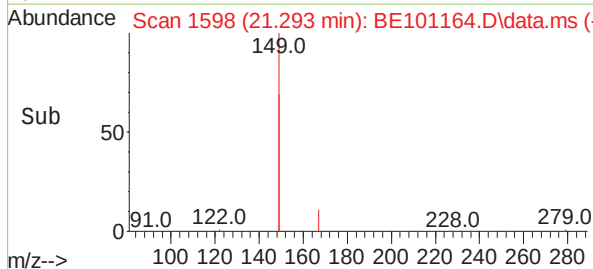
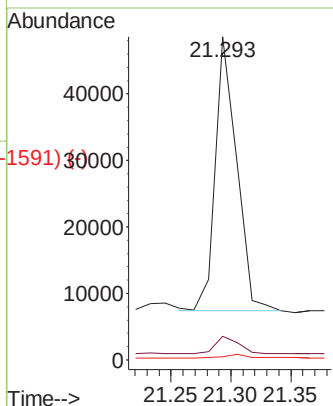
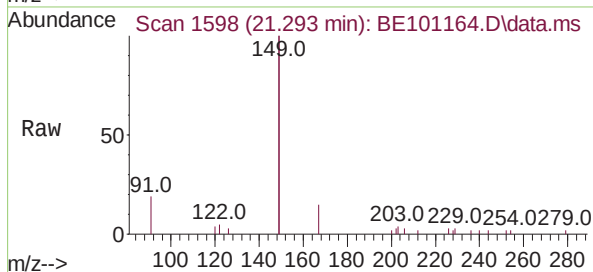




#334 (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.79 ng
 RT: 21.293 min Scan# 1598
 Delta R.T. -0.013 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

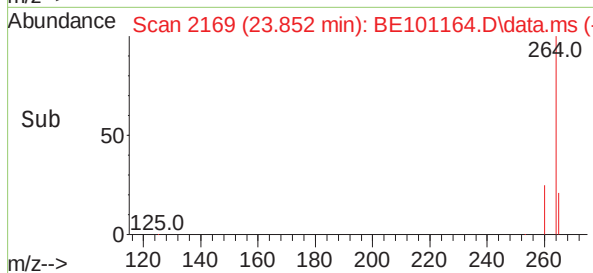
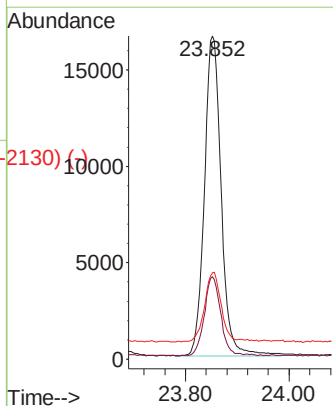
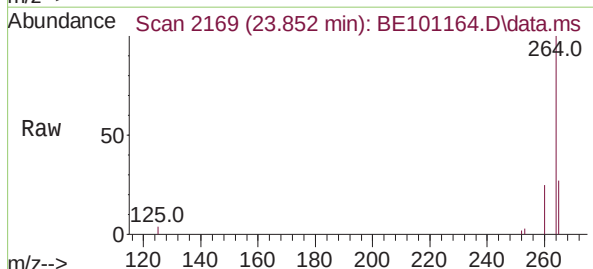
Instrument :
 BNA_E
 ClientSampleId :
 ASR7RE

Tgt Ion:	149	Resp:	50935
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.2
279	1.3	0.9	1.3

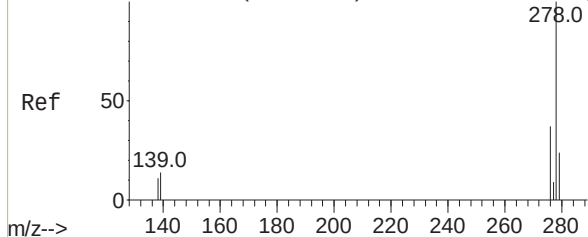


#336 (-)
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.852 min Scan# 2169
 Delta R.T. -0.011 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

Tgt Ion:	264	Resp:	37114
Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	26.7	20.6	30.8



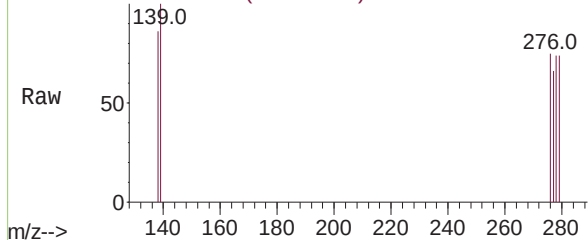
Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2894) (-)



Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.502 min Scan# 2908
Delta R.T. -0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Instrument :
BNA_E
ClientSampleId :
ASR7RE

Abundance Scan 2908 (26.502 min): BE101164.D\data.ms



Tgt Ion:	278	Resp:	138
Ion	Ratio	Lower	Upper
278	100		
139	135.0	12.0	18.0#
279	100.6	20.2	30.4#

Abundance Scan 2908 (26.502 min): BE101164.D\data.ms (-2889) (-)

