

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE032421\
 Data File : BE101152.D
 Acq On : 24 Mar 2021 18:05
 Operator : CG/JU
 Sample : PB135271BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 24 18:47:55 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 24 16:00:06 2021
 Response via : Initial Calibration

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

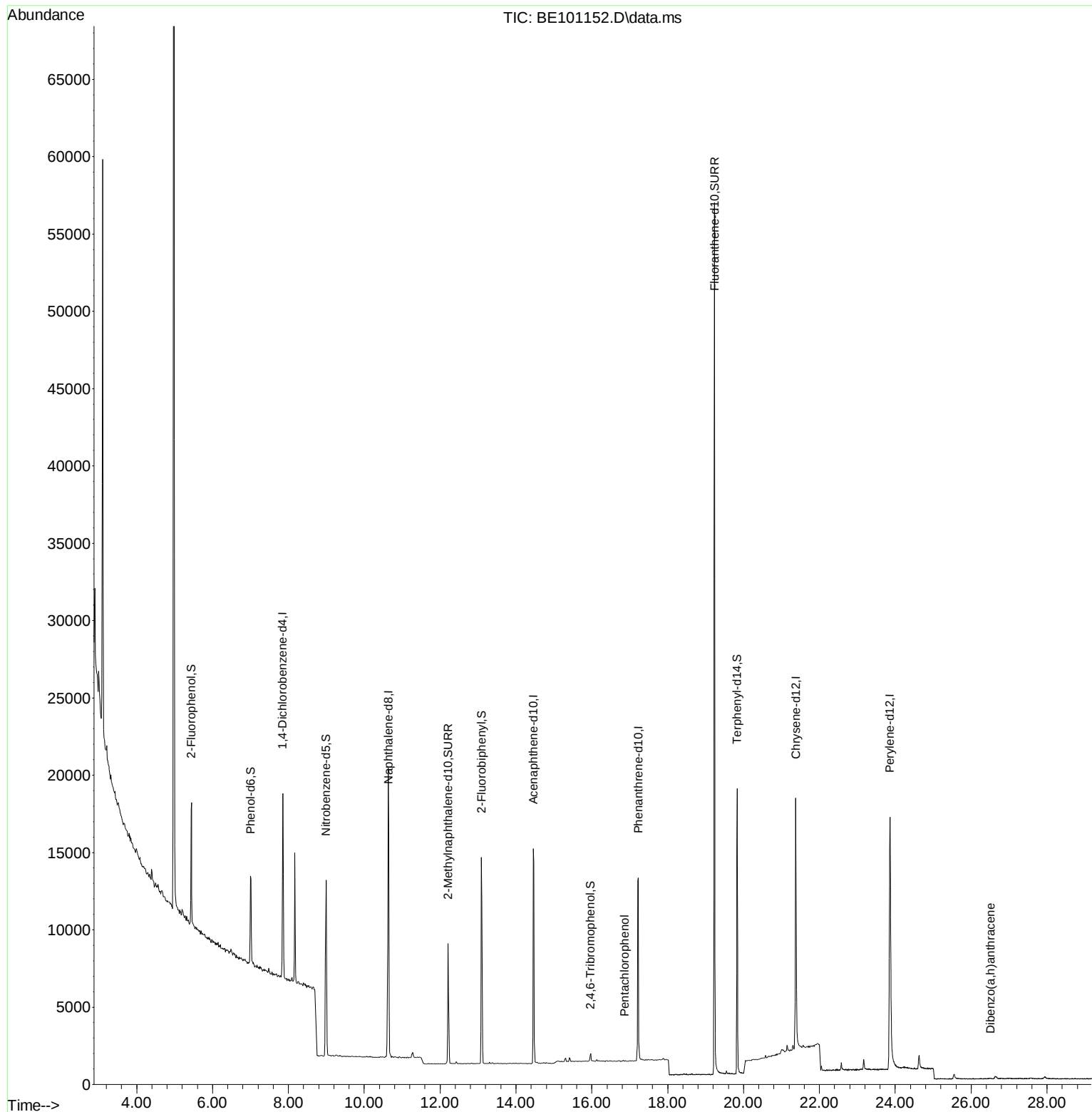
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	5279	0.40	ng	0.00
7) Naphthalene-d8	10.641	136	20509	0.40	ng	0.00
13) Acenaphthene-d10	14.457	164	9794	0.40	ng	-0.01
19) Phenanthrene-d10	17.225	188	21476	0.40	ng	0.00
29) Chrysene-d12	21.378	240	21771	0.40	ng	0.00
36) Perylene-d12	23.859	264	28483	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.443	112	4096	0.33	ng	0.01
5) Phenol-d6	7.010	99	5574	0.29	ng	0.01
8) Nitrobenzene-d5	8.991	82	4065	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9839	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.971	330	322	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	13374	0.36	ng	-0.01
27) Fluoranthene-d10	19.232	212	77003	0.28	ng	0.00
31) Terphenyl-d14	19.829	244	17023	0.34	ng	0.00
Target Compounds						
						Qvalue
24) Pentachlorophenol	16.863	266	17	0.28	ng	# 76
40) Dibenzo(a,h)anthracene	26.509	278	3	0.10	ng	# 1

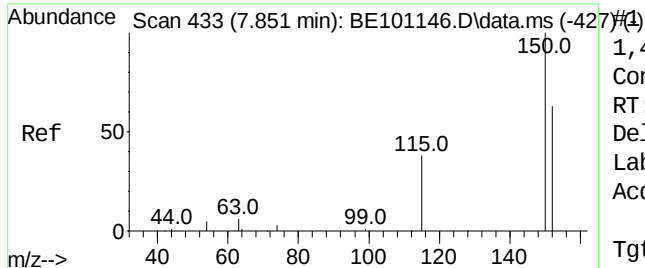
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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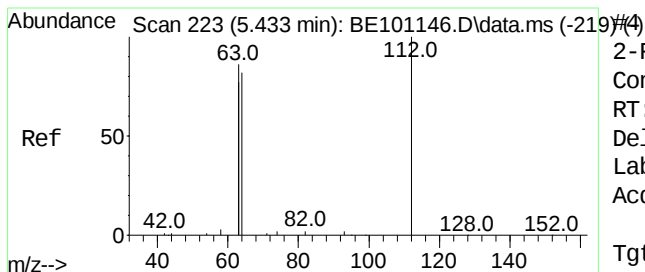
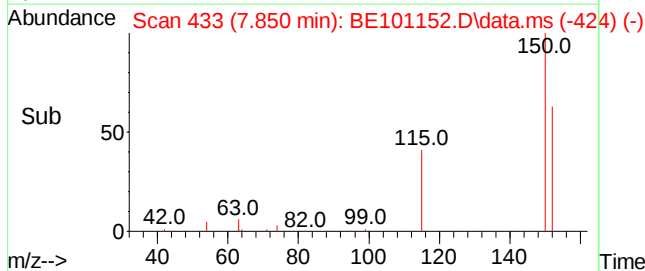
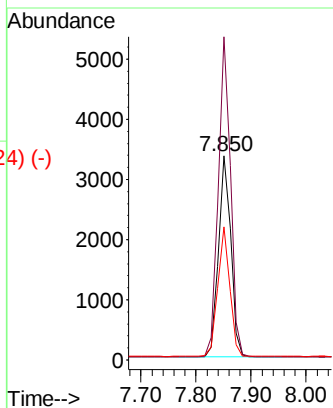
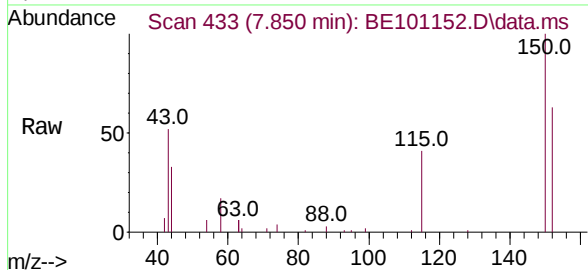




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.850 min Scan# 433
Delta R.T. -0.001 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

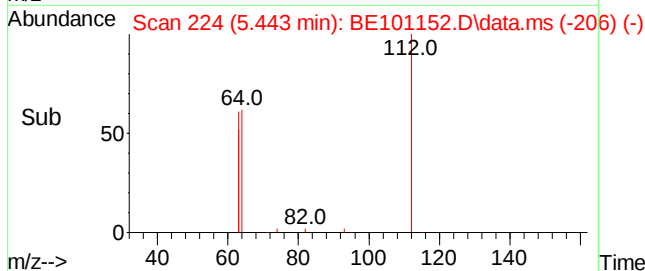
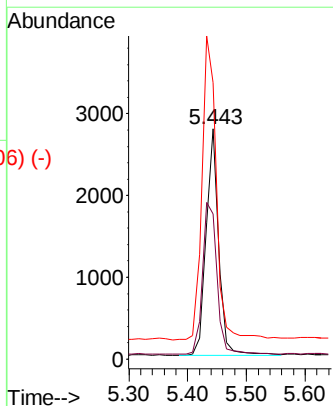
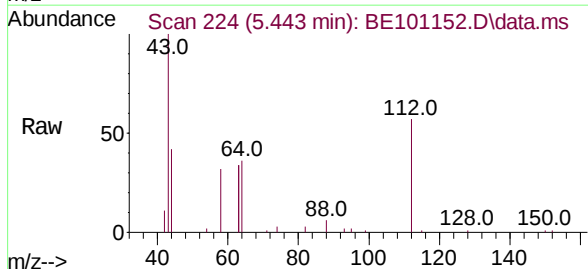
Instrument :
BNA_E
ClientSampleId :

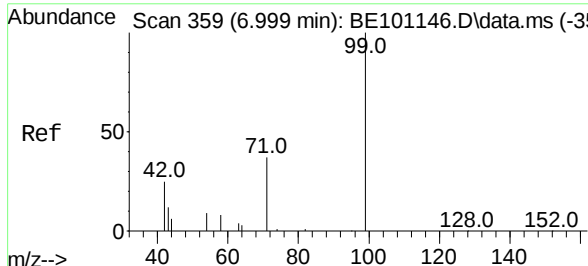
Tgt Ion:	152	Resp:	5279
Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.3	189.5
115	65.4	48.9	73.3



2-Fluorophenol
Concen: 0.33 ng
RT: 5.443 min Scan# 224
Delta R.T. 0.011 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

Tgt Ion:	112	Resp:	4096
Ion	Ratio	Lower	Upper
112	100		
64	77.1	60.8	91.2
63	156.0	119.4	179.0

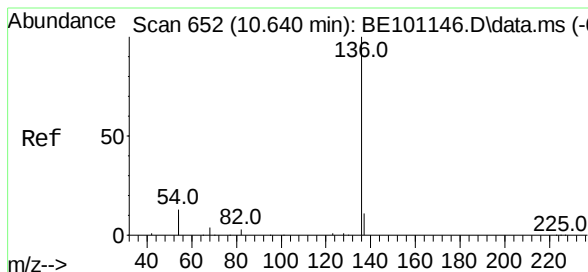
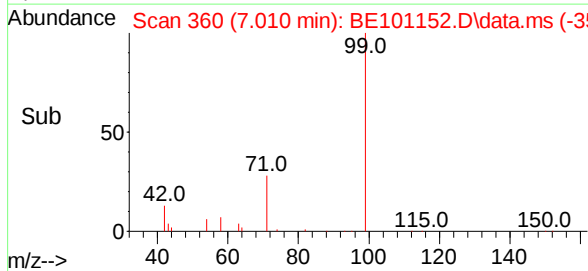
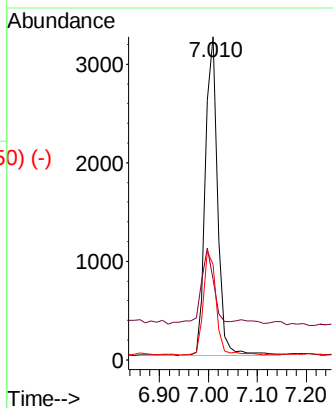
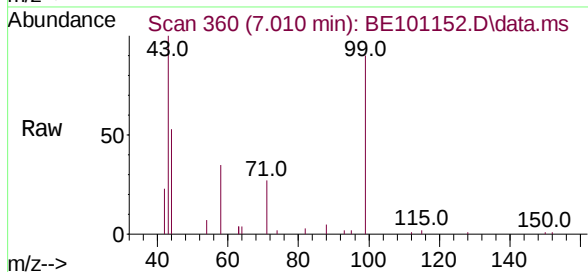




Phenol-d6
Concen: 0.29 ng
RT: 7.010 min Scan# 360
Delta R.T. 0.011 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

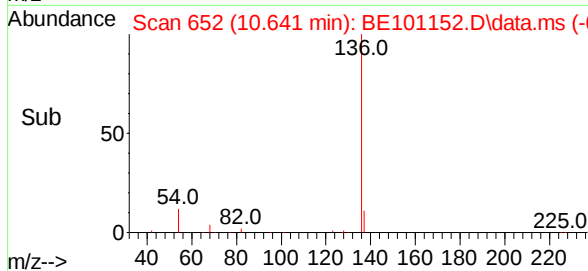
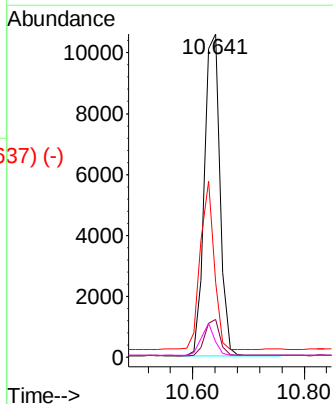
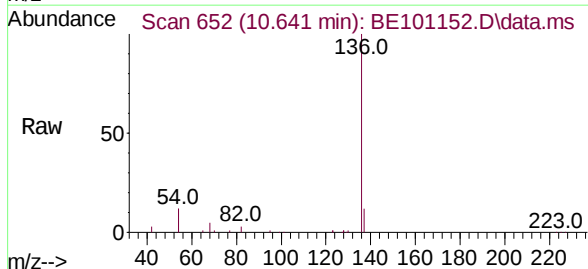
Instrument :
BNA_E
ClientSampleId :

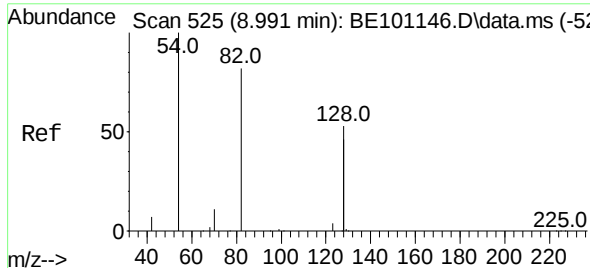
Tgt Ion:	99	Resp:	5574
Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.8	28.2
71	33.7	26.3	39.5



Naphthalene-d8
Concen: 0.40 ng
RT: 10.641 min Scan# 652
Delta R.T. 0.000 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

Tgt Ion:	136	Resp:	20509
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	23.1	20.2	30.4
68	4.6	4.0	6.0

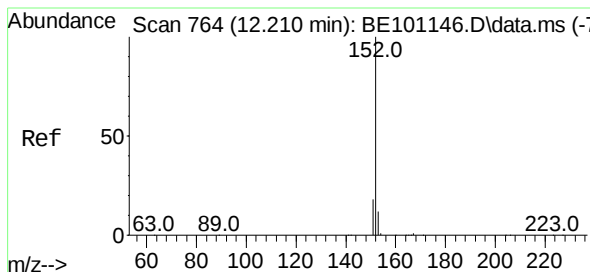
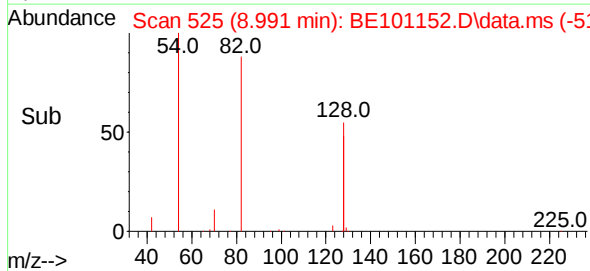
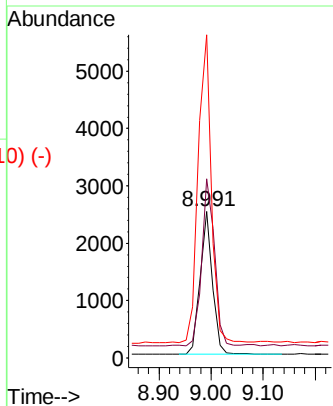
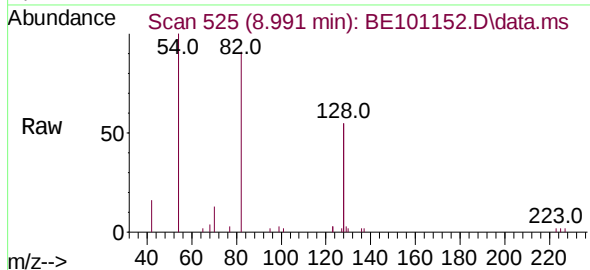




Nitrobenzene-d5
 Concen: 0.33 ng
 RT: 8.991 min Scan# 525
 Delta R.T. 0.000 min
 Lab File: BE101152.D
 Acq: 24 Mar 2021 18:05

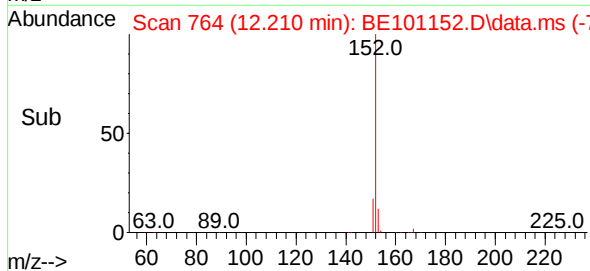
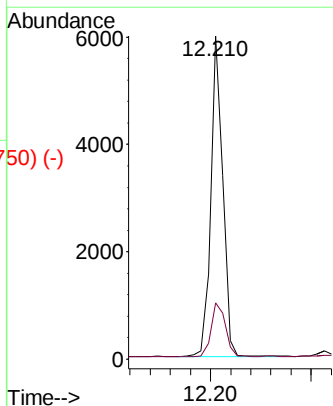
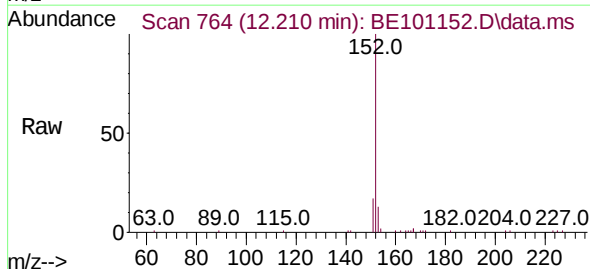
Instrument :
 BNA_E
 ClientSampleId :

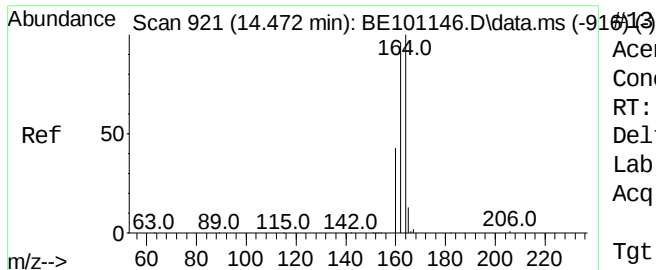
Tgt Ion: 82 Resp: 4065
 Ion Ratio Lower Upper
 82 100
 128 122.1 101.5 152.3
 54 220.6 189.8 284.6



2-Methylnaphthalene-d10
 Concen: 0.29 ng
 RT: 12.210 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: BE101152.D
 Acq: 24 Mar 2021 18:05

Tgt Ion: 152 Resp: 9839
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.6 24.8

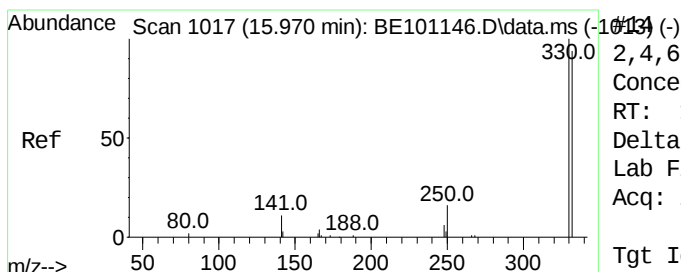
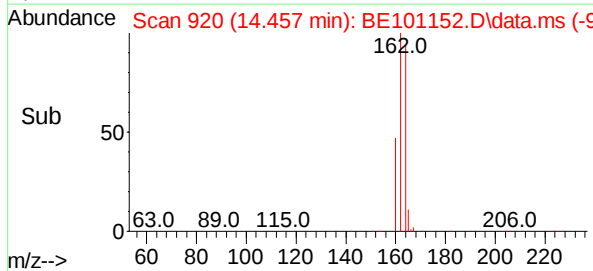
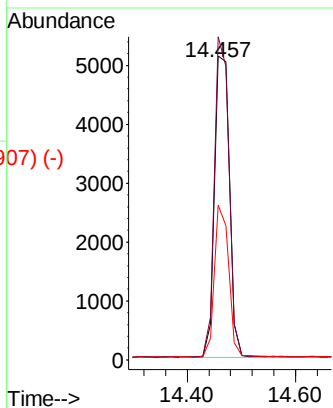
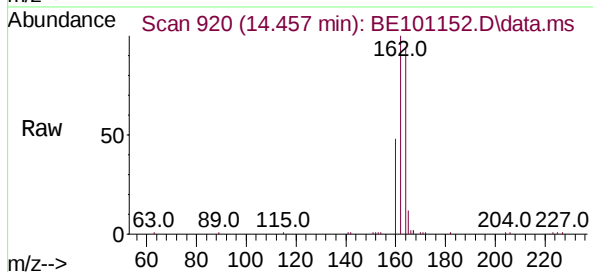




Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.457 min Scan# 920
 Delta R.T. -0.015 min
 Lab File: BE101152.D
 Acq: 24 Mar 2021 18:05

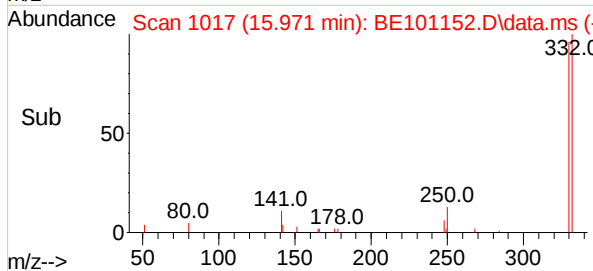
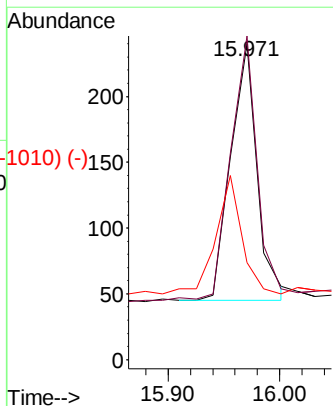
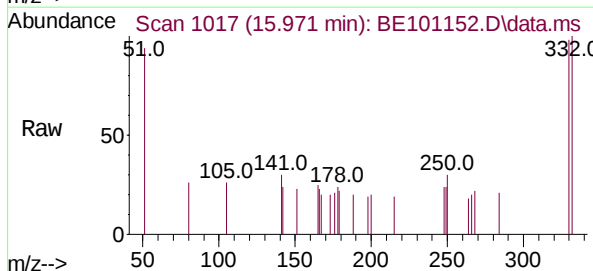
Instrument :
 BNA_E
 ClientSampleId :

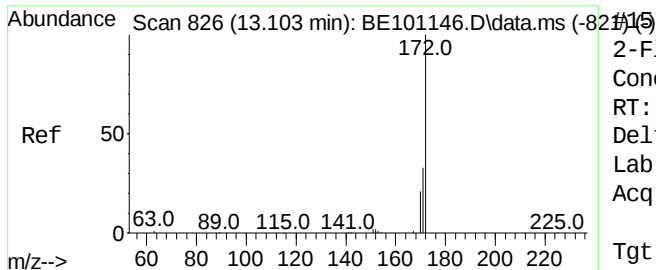
Tgt Ion:	164	Resp:	9794
Ion	Ratio	Lower	Upper
164	100		
162	106.3	76.6	115.0
160	50.9	34.5	51.7



2,4,6-Tribromophenol
 Concen: 0.18 ng
 RT: 15.971 min Scan# 1017
 Delta R.T. 0.000 min
 Lab File: BE101152.D
 Acq: 24 Mar 2021 18:05

Tgt Ion:	330	Resp:	322
Ion	Ratio	Lower	Upper
330	100		
332	104.7	69.1	103.7#
141	45.0	30.6	45.8

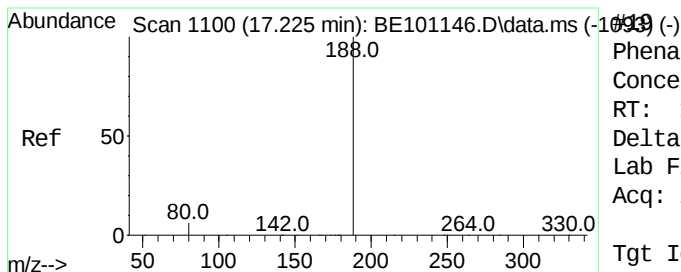
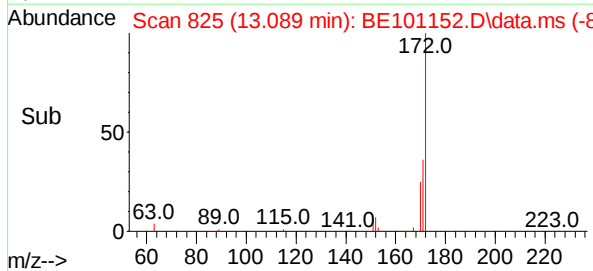
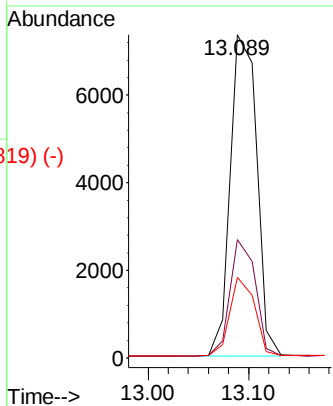
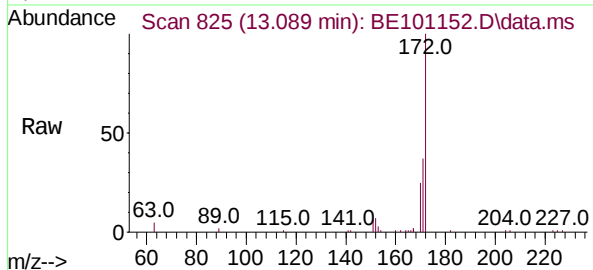




2-Fluorobiphenyl
 Concen: 0.36 ng
 RT: 13.089 min Scan# 825
 Delta R.T. -0.015 min
 Lab File: BE101152.D
 Acq: 24 Mar 2021 18:05

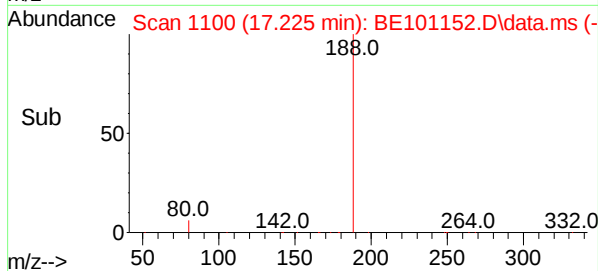
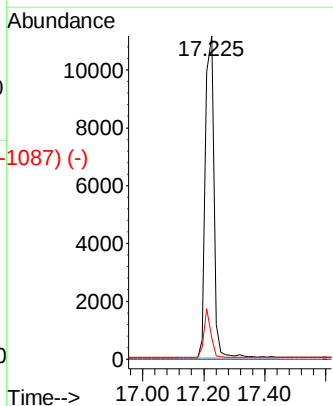
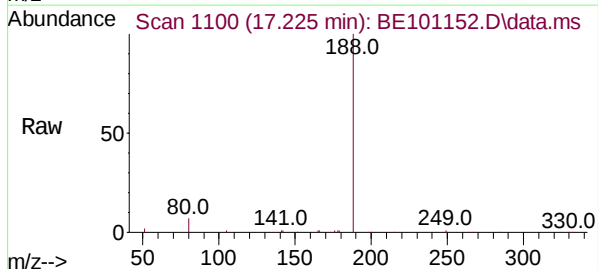
Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:	172	Resp:	13374
Ion Ratio	Lower	Upper	
172	100		
171	36.6	26.4	39.6
170	25.0	17.4	26.0



Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.225 min Scan# 1100
 Delta R.T. 0.000 min
 Lab File: BE101152.D
 Acq: 24 Mar 2021 18:05

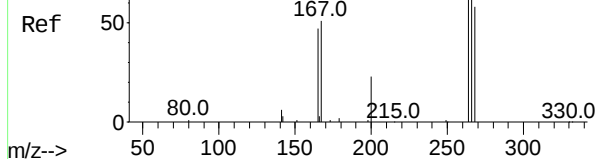
Tgt Ion:	188	Resp:	21476
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.5	4.8	7.2



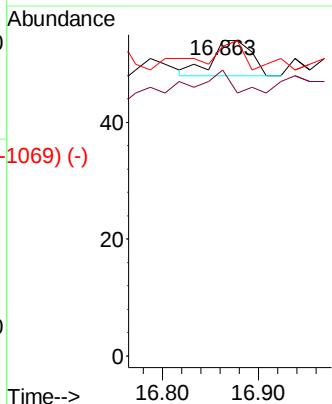
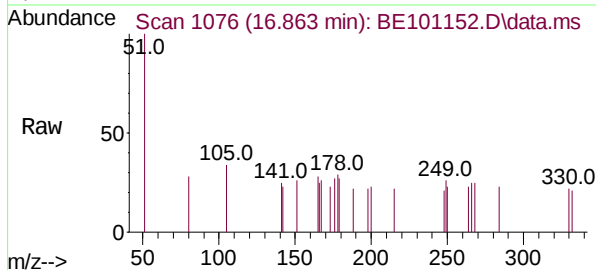
Abundance Scan 1076 (16.863 min): BE101146.D\data.ms (-1076) (-)

Pentachlorophenol
Concen: 0.28 ng
RT: 16.863 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

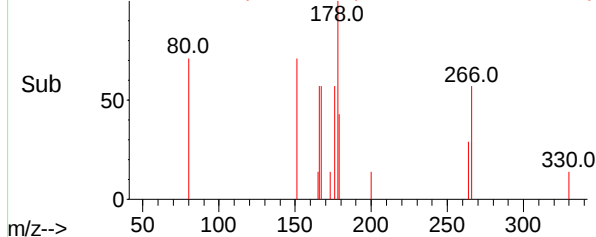
Instrument :
BNA_E
ClientSampled :



Tgt Ion:	266	Resp:	17
Ion	Ratio	Lower	Upper
266	100		
264	52.9	51.4	77.0
268	88.2	49.9	74.9#



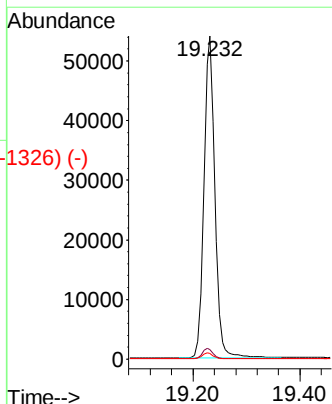
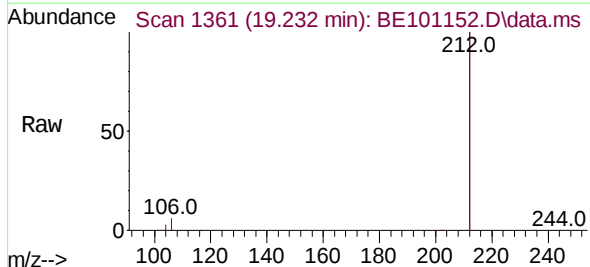
Abundance Scan 1076 (16.863 min): BE101152.D\data.ms (-1069) (-)



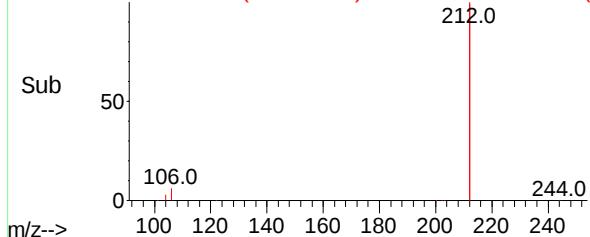
Abundance Scan 1361 (19.232 min): BE101146.D\data.ms (-1361) (-)

Fluoranthene-d10
Concen: 0.28 ng
RT: 19.232 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

Tgt Ion:	212	Resp:	77003
Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.2



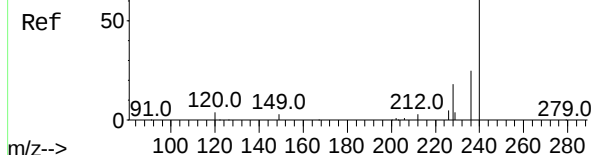
Abundance Scan 1361 (19.232 min): BE101152.D\data.ms (-1326) (-)



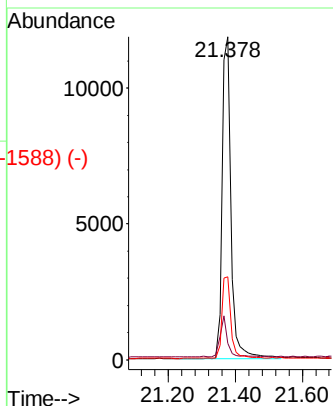
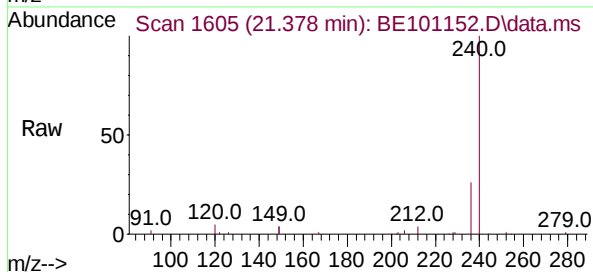
Abundance Scan 1605 (21.379 min): BE101146.D\data.ms (-1529) (-)

Chrysene-d12
Concen: 0.40 ng
RT: 21.378 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

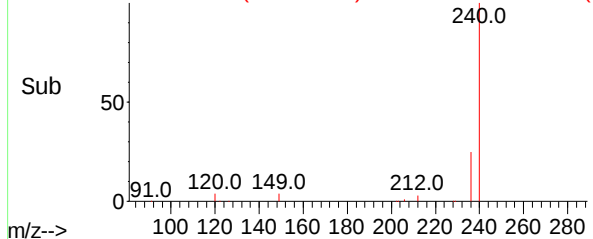
Instrument :
BNA_E
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.1	6.1
236	25.6	20.3	30.5

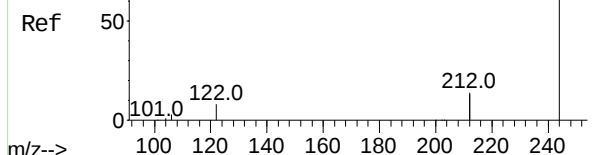


Abundance Scan 1605 (21.378 min): BE101152.D\data.ms (-1588) (-)

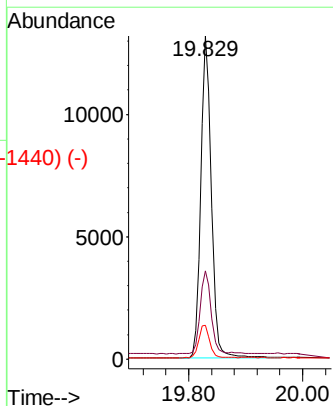
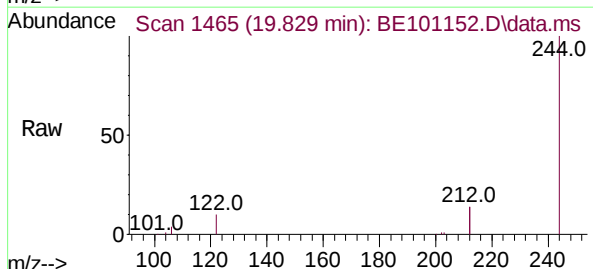


Abundance Scan 1466 (19.835 min): BE101146.D\data.ms (-1438) (-)

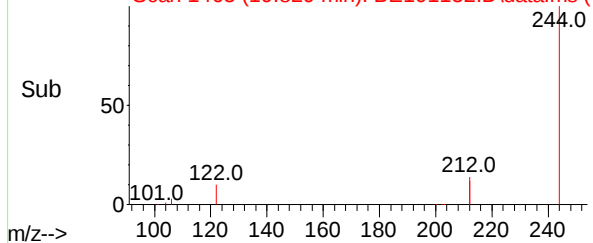
Terphenyl-d14
Concen: 0.34 ng
RT: 19.829 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05



Tgt Ion	Ratio	Lower	Upper
244	100		
212	27.3	21.7	32.5
122	10.4	6.6	10.0#



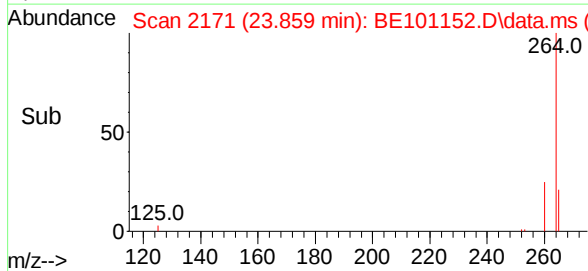
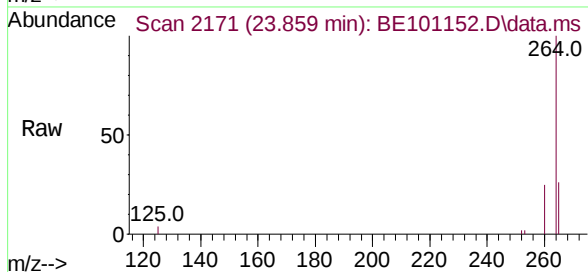
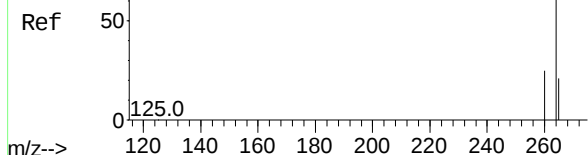
Abundance Scan 1465 (19.829 min): BE101152.D\data.ms (-1440) (-)



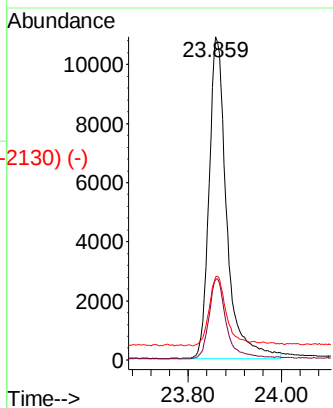
Abundance Scan 2172 (23.863 min): BE101146.D\data.ms (-2130) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.859 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05

Instrument :
BNA_E
ClientSampled :

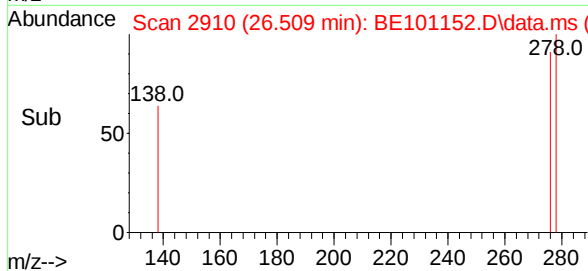
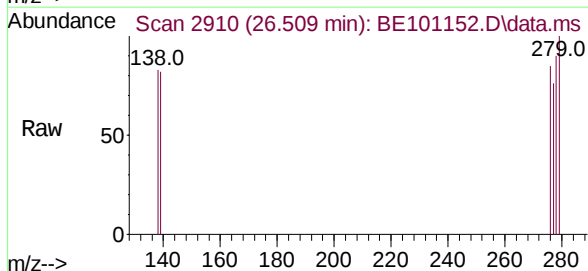
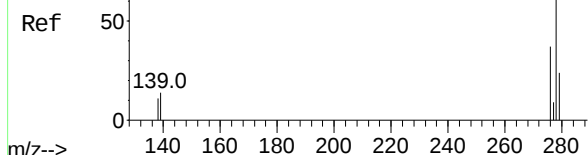


Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	25.7	20.6	30.8



Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2890) (-)

Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.509 min Scan# 2910
Delta R.T. -0.007 min
Lab File: BE101152.D
Acq: 24 Mar 2021 18:05



Tgt Ion	Ratio	Lower	Upper
278	100		
139	91.4	12.0	18.0#
279	111.4	20.2	30.4#

