

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016627.D
 Acq On : 01 Oct 2021 08:58
 Operator : CG/JU
 Sample : M3833-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210918

Quant Time: Oct 01 11:00:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

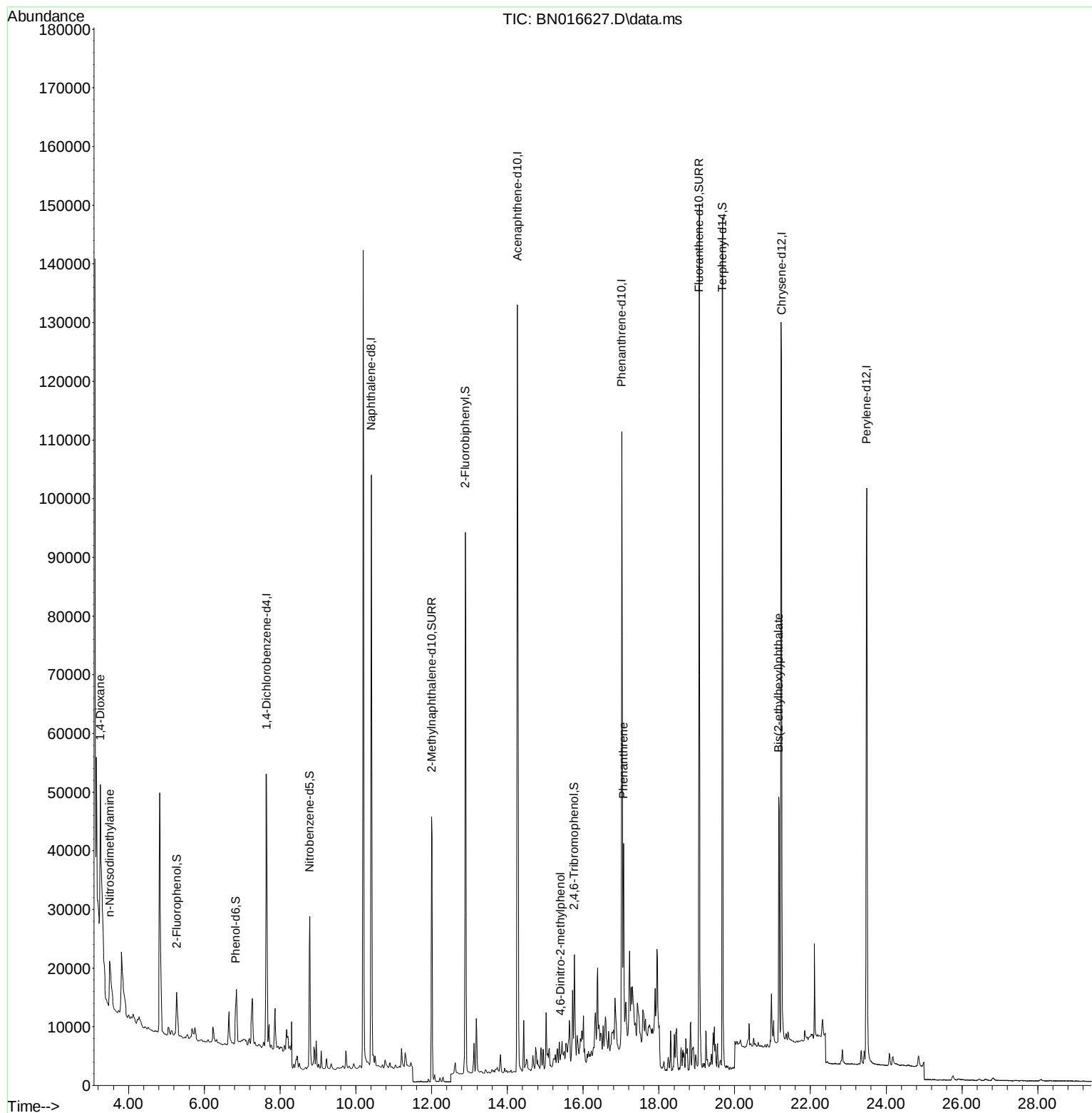
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29271	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	134645	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	72124	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	141637	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	134763	0.400	ng	0.00
35) Perylene-d12	23.484	264	137044	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	10293	0.138	ng	0.02
5) Phenol-d6	6.822	99	6594	0.081	ng	0.00
8) Nitrobenzene-d5	8.784	82	23982	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	61451	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11978	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	85680	0.293	ng	-0.01
27) Fluoranthene-d10	19.063	212	163659	0.435	ng	0.00
31) Terphenyl-d14	19.678	244	145429	0.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	18777	1.394	ng	# 85
3) n-Nitrosodimethylamine	3.502	42	3142	0.145	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.398	198	14	0.137	ng	# 1
25) Phenanthrene	17.066	178	37635	0.088	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.164	149	46280	0.281	ng	99

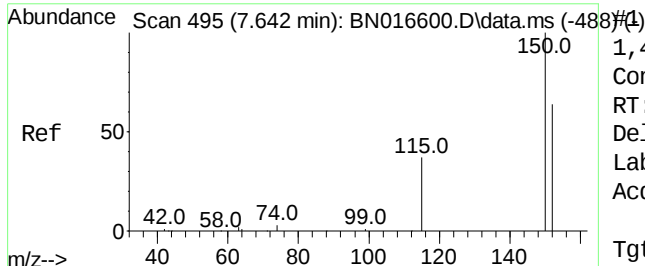
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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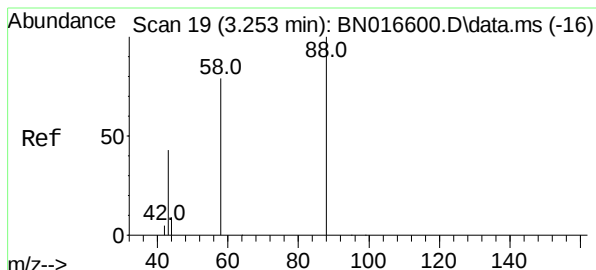
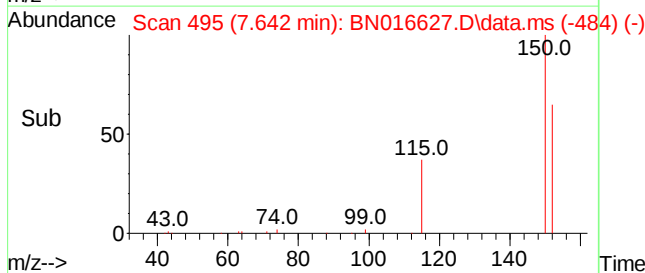
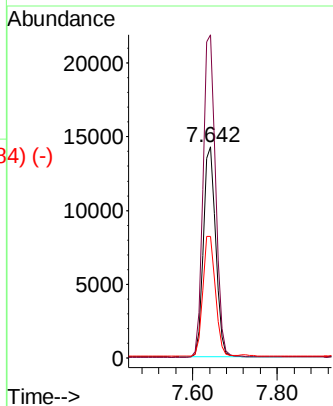
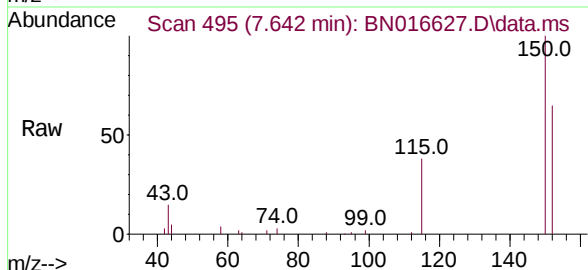




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016627.D
 Acq: 01 Oct 2021 08:58

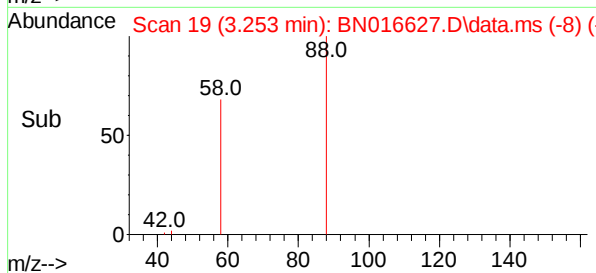
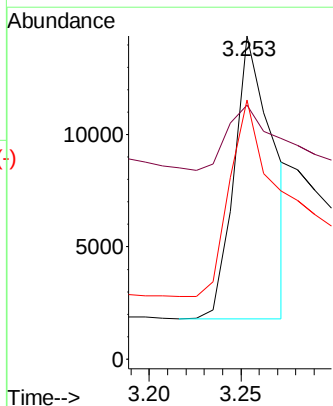
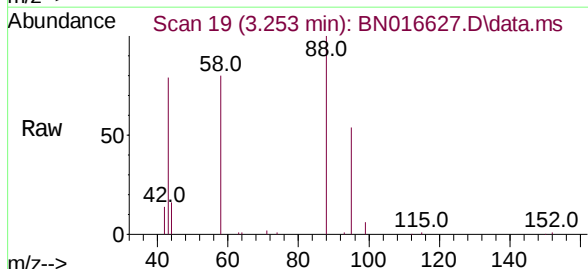
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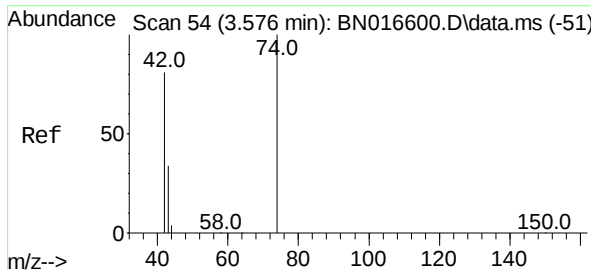
Tgt Ion:	152	Resp:	29271
Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	57.5	46.5	69.7



1,4-Dioxane
 Concen: 1.394 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016627.D
 Acq: 01 Oct 2021 08:58

Tgt Ion:	88	Resp:	18777
Ion	Ratio	Lower	Upper
88	100		
43	24.9	37.8	56.8#
58	73.5	61.3	91.9

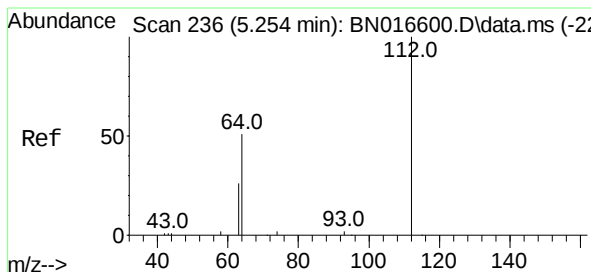
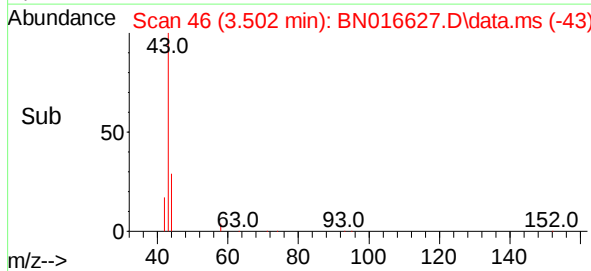
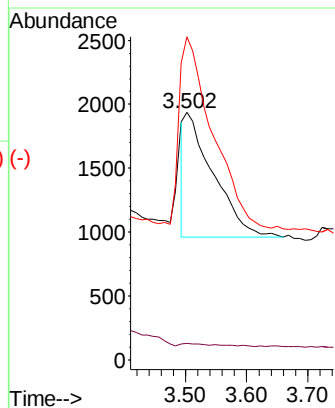
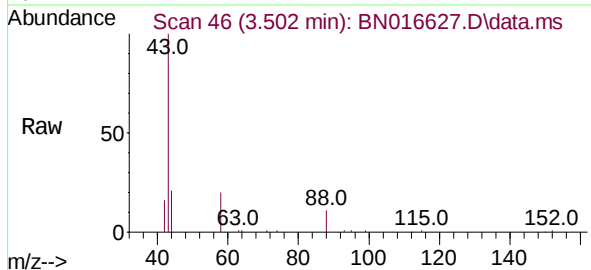




n-Nitrosodimethylamine
Concen: 0.145 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

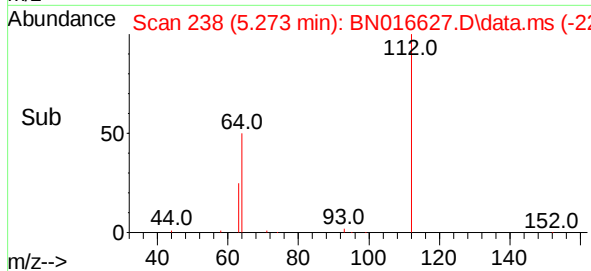
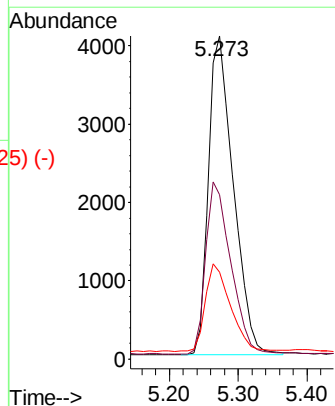
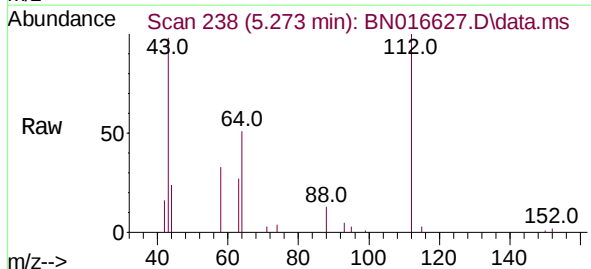
Instrument :
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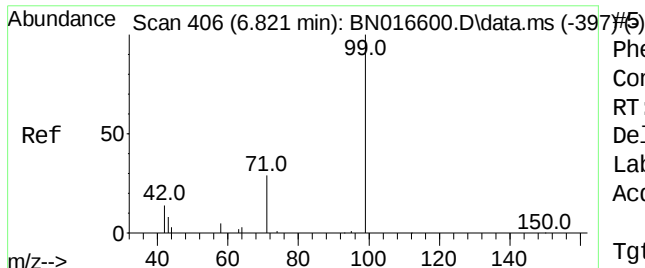
Tgt Ion: 42 Resp: 3142
Ion Ratio Lower Upper
42 100
74 2.4 121.6 182.4#
44 154.3 6.3 9.5#



2-Fluorophenol
Concen: 0.138 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion: 112 Resp: 10293
Ion Ratio Lower Upper
112 100
64 54.2 43.1 64.7
63 27.4 21.6 32.4

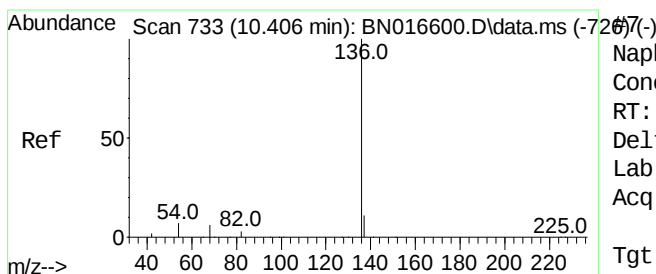
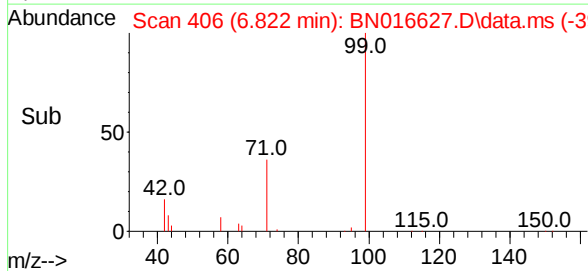
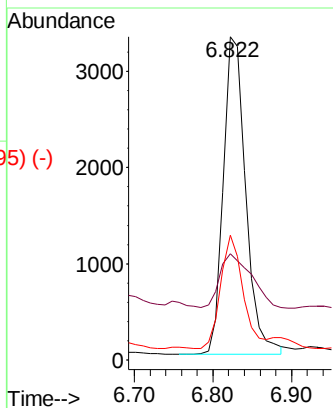
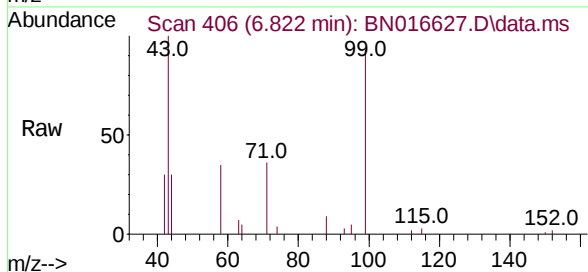




Phenol-d6
 Concen: 0.081 ng
 RT: 6.822 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BN016627.D
 Acq: 01 Oct 2021 08:58

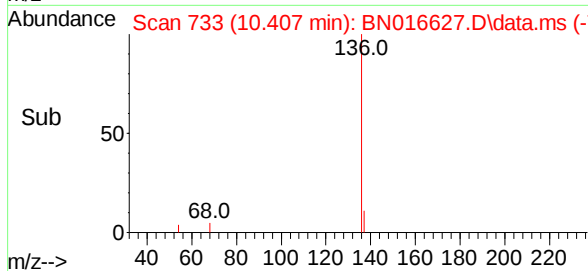
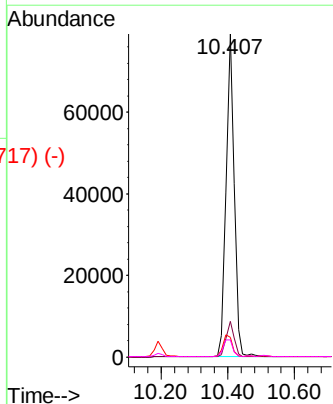
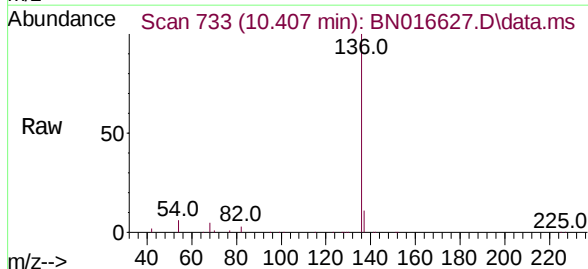
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210918

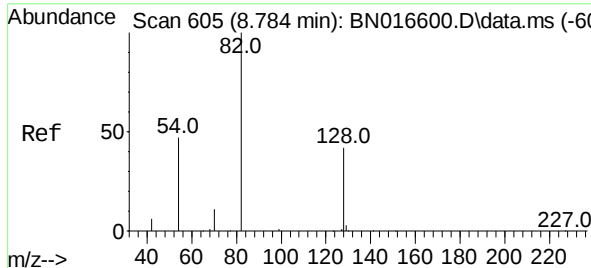
Tgt Ion:	99	Resp:	6594
Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.0	19.6#
71	35.7	23.5	35.3#



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.407 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: BN016627.D
 Acq: 01 Oct 2021 08:58

Tgt Ion:	136	Resp:	134645
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.1	5.9	8.9
68	5.3	5.0	7.6

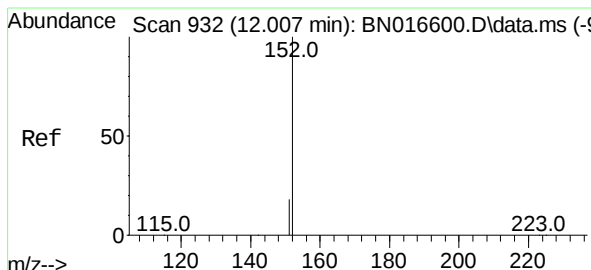
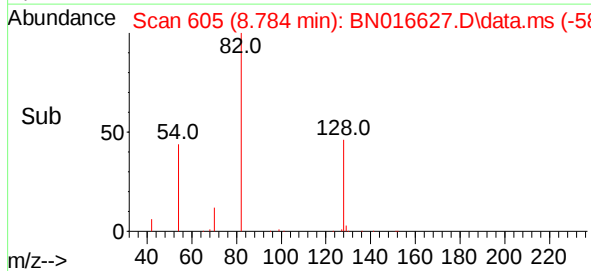
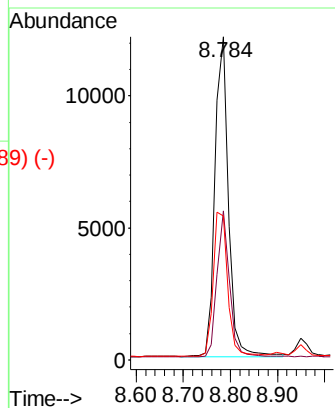
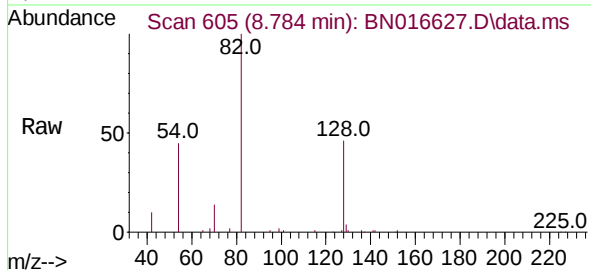




Nitrobenzene-d5
 Concen: 0.273 ng
 RT: 8.784 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: BN016627.D
 Acq: 01 Oct 2021 08:58

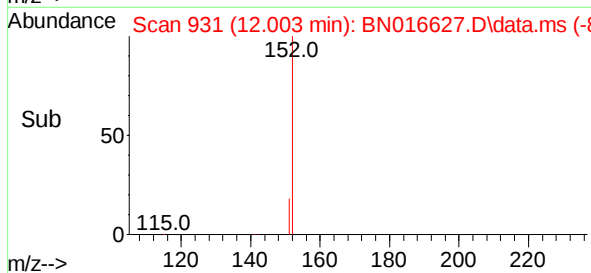
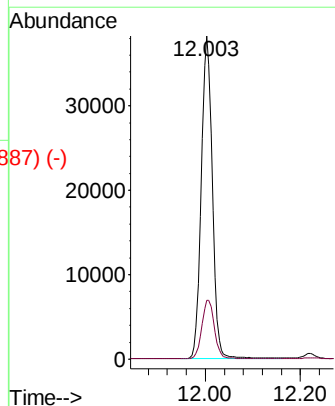
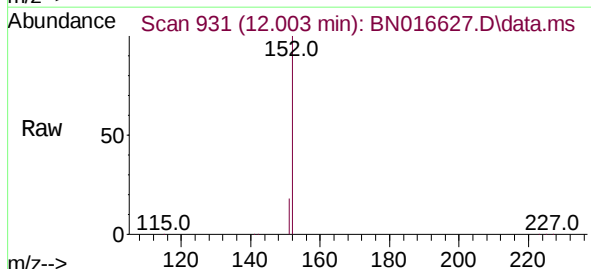
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	82	Resp:	23982
Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.6	50.4
54	44.6	37.6	56.4



2-Methylnaphthalene-d10
 Concen: 0.309 ng
 RT: 12.003 min Scan# 931
 Delta R.T. -0.004 min
 Lab File: BN016627.D
 Acq: 01 Oct 2021 08:58

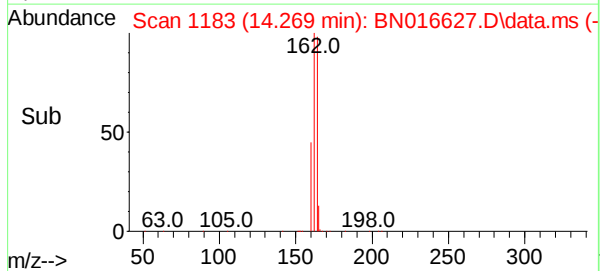
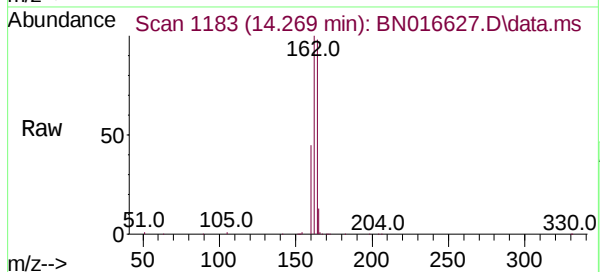
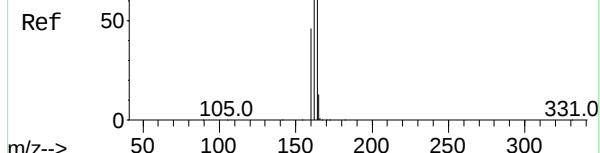
Tgt Ion:	152	Resp:	61451
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



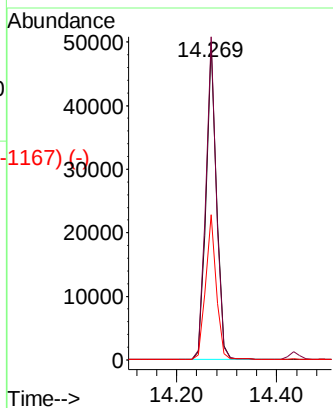
Abundance Scan 1183 (14.268 min): BN016600.D\data.ms (-1171) (-)

Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

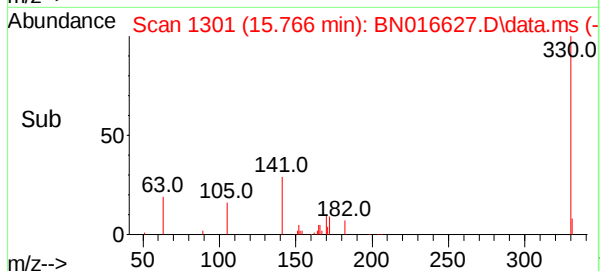
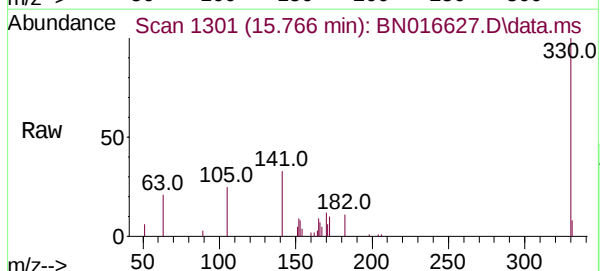
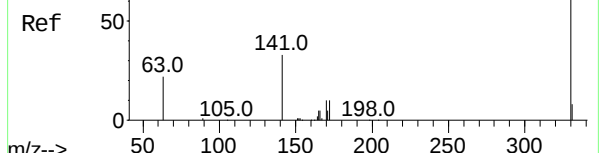


Tgt Ion:	164	Resp:	72124
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.2	123.2
160	46.0	37.7	56.5

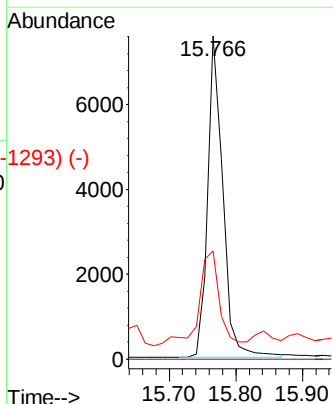


Abundance Scan 1301 (15.766 min): BN016600.D\data.ms (-1296) (-)

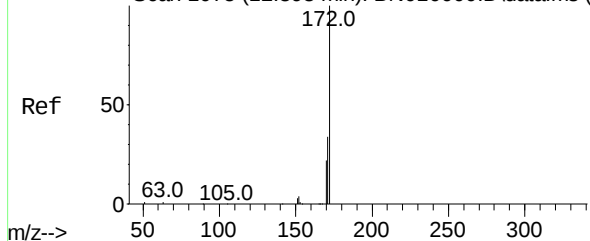
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58



Tgt Ion:	330	Resp:	11978
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	36.4	25.2	37.8



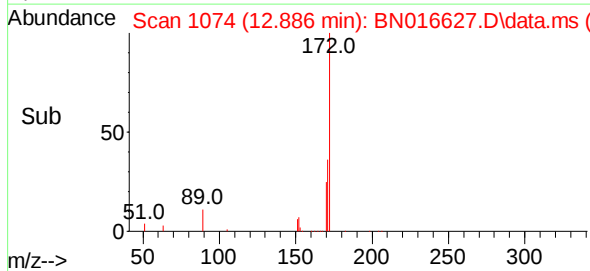
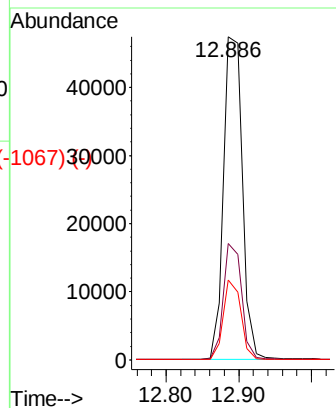
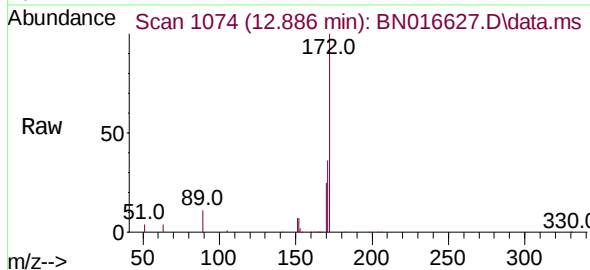
Abundance Scan 1075 (12.898 min): BN016600.D\data.ms (-1075) (-)



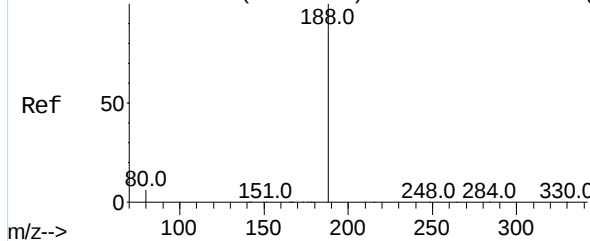
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	172	Resp:	85680
Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.0	40.4
170	24.6	17.4	26.2

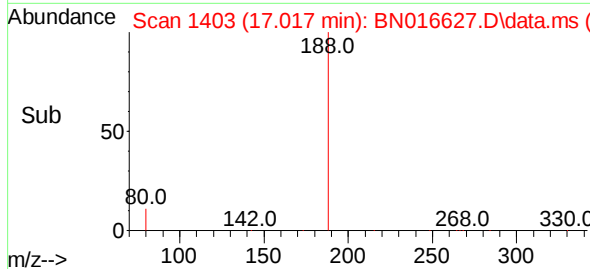
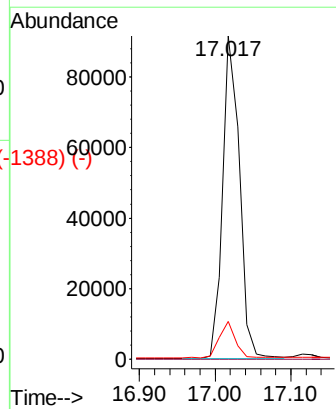
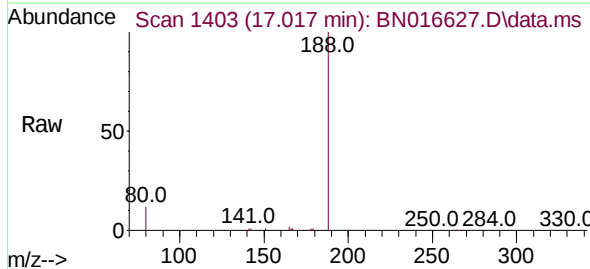


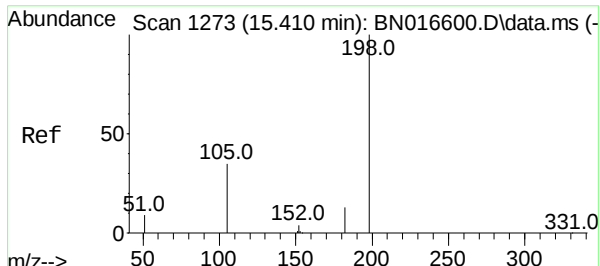
Abundance Scan 1404 (17.029 min): BN016600.D\data.ms (-1404) (-)



Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion:	188	Resp:	141637
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	5.0	7.6#

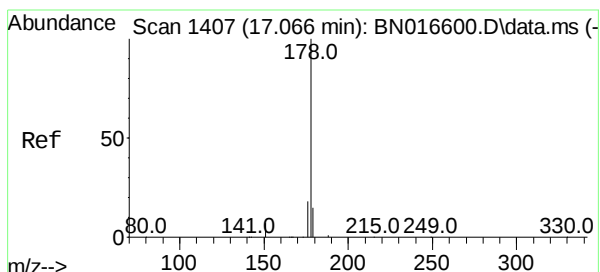
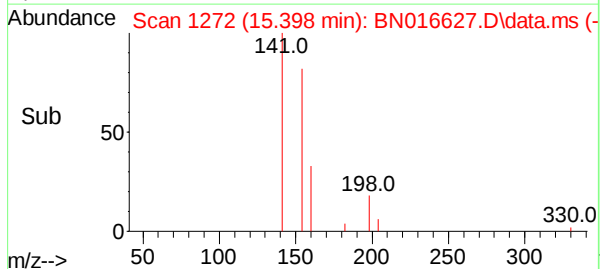
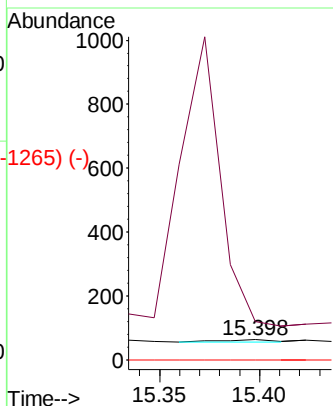
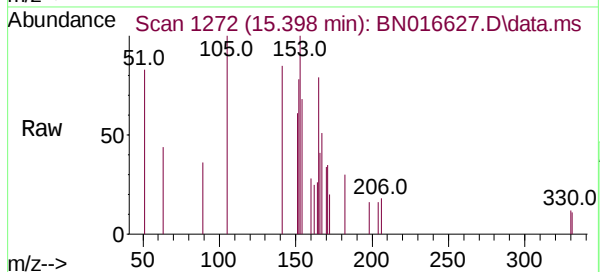




4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

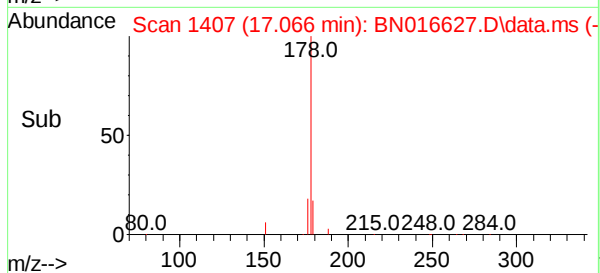
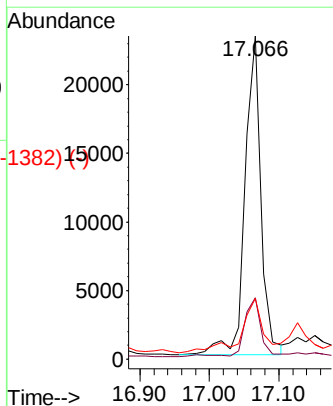
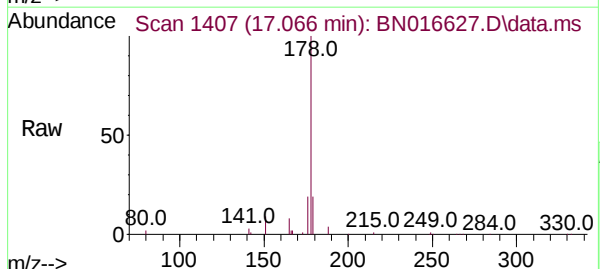
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Tgt Ion:	198	Resp:	14
Ion	Ratio	Lower	Upper
198	100		
182	187.5	11.8	17.8#
77	0.0	0.0	0.0

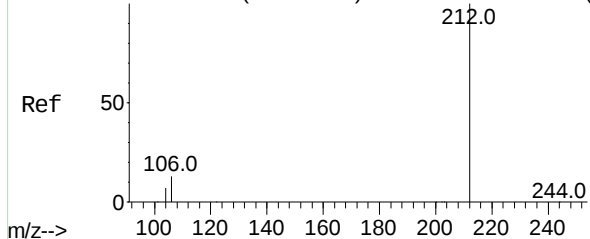


Phenanthrene
Concen: 0.088 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion:	178	Resp:	37635
Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.0	22.4
179	22.4	12.2	18.4#



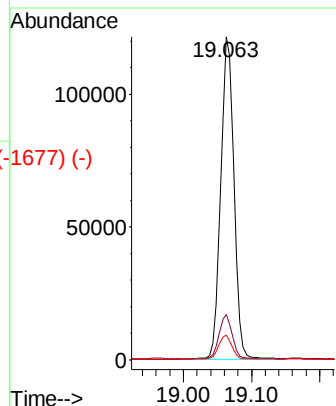
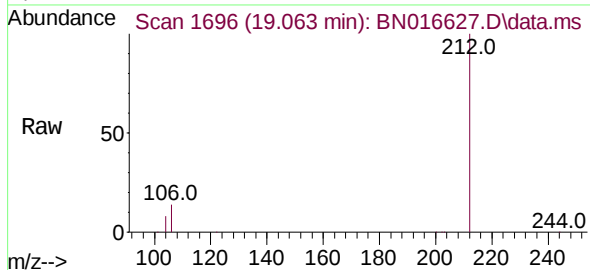
Abundance Scan 1697 (19.068 min): BN016600.D\data.ms (-1627) (-)



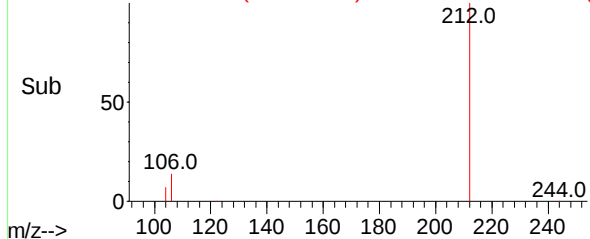
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

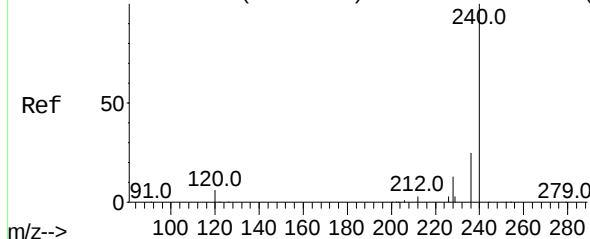
Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.5	5.9	8.9



Abundance Scan 1696 (19.063 min): BN016627.D\data.ms (-1677) (-)

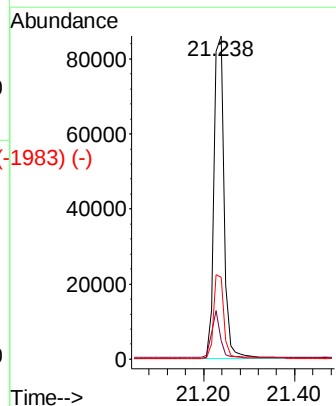
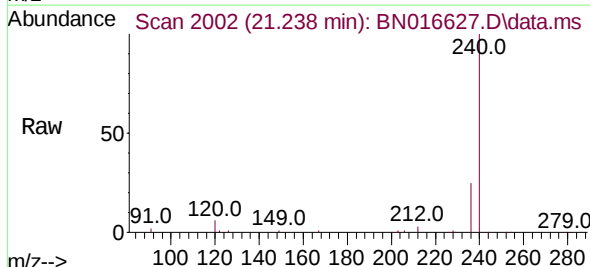


Abundance Scan 2002 (21.238 min): BN016600.D\data.ms (-1929) (-)

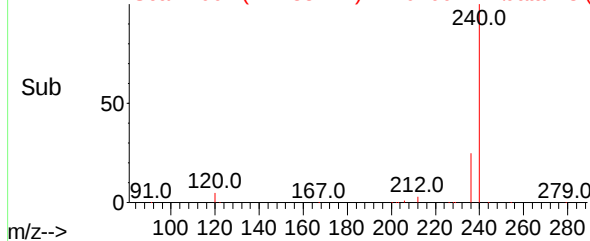


Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.4
236	25.4	20.4	30.6



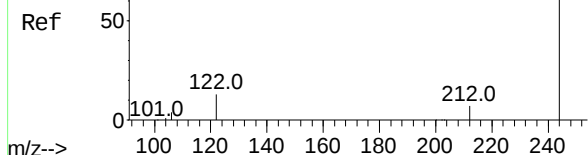
Abundance Scan 2002 (21.238 min): BN016627.D\data.ms (-1983) (-)



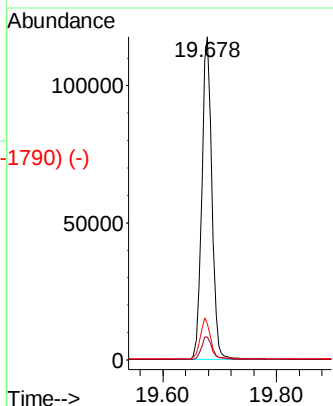
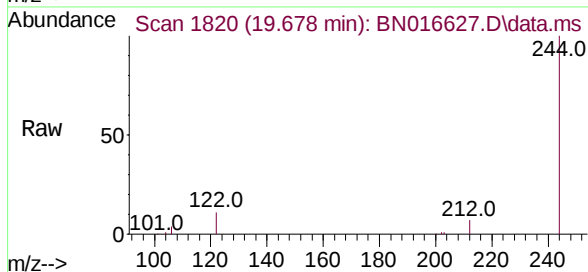
Abundance Scan 1820 (19.678 min): BN016600.D\data.ms (-1790) (-)

Terphenyl-d14
Concen: 0.496 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

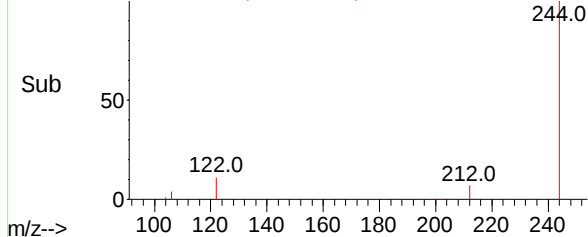
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918



Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.4	10.1	15.1

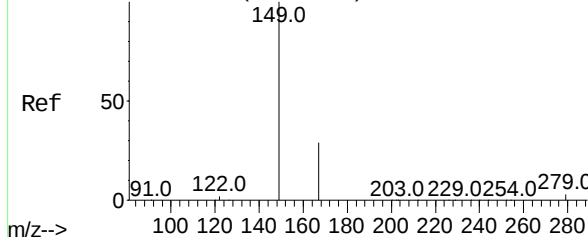


Abundance Scan 1820 (19.678 min): BN016627.D\data.ms (-1790) (-)

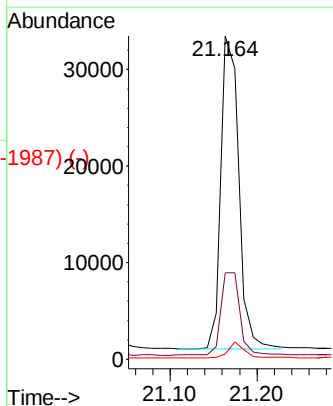
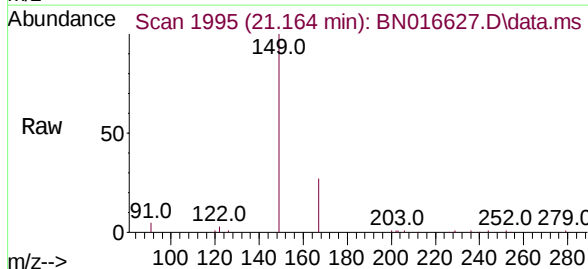


Abundance Scan 1996 (21.174 min): BN016600.D\data.ms (-1987) (-)

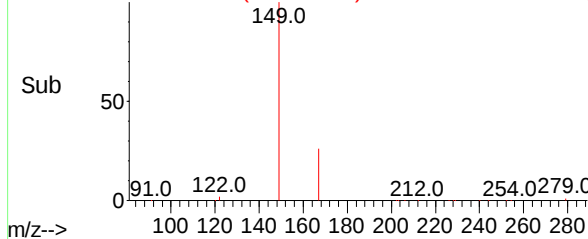
Bis(2-ethylhexyl)phthalate
Concen: 0.281 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58



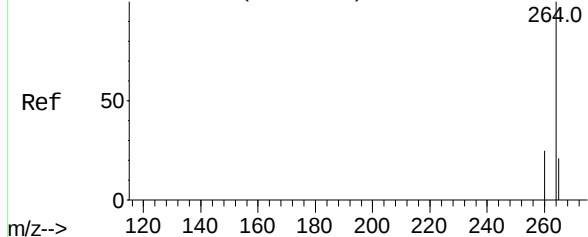
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	4.2	3.2	4.8



Abundance Scan 1995 (21.164 min): BN016627.D\data.ms (-1987) (-)



Abundance Scan 2428 (23.488 min): BN016600.D\data.ms (-2405)



Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

Tgt Ion:	264	Resp:	137044
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.4	19.2	28.8

