

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013156.D
 Acq On : 16 Dec 2020 07:07
 Operator : CG/JU
 Sample : L4996-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20201207

Quant Time: Dec 16 08:09:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 16:49:20 2020
 Response via : Initial Calibration

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

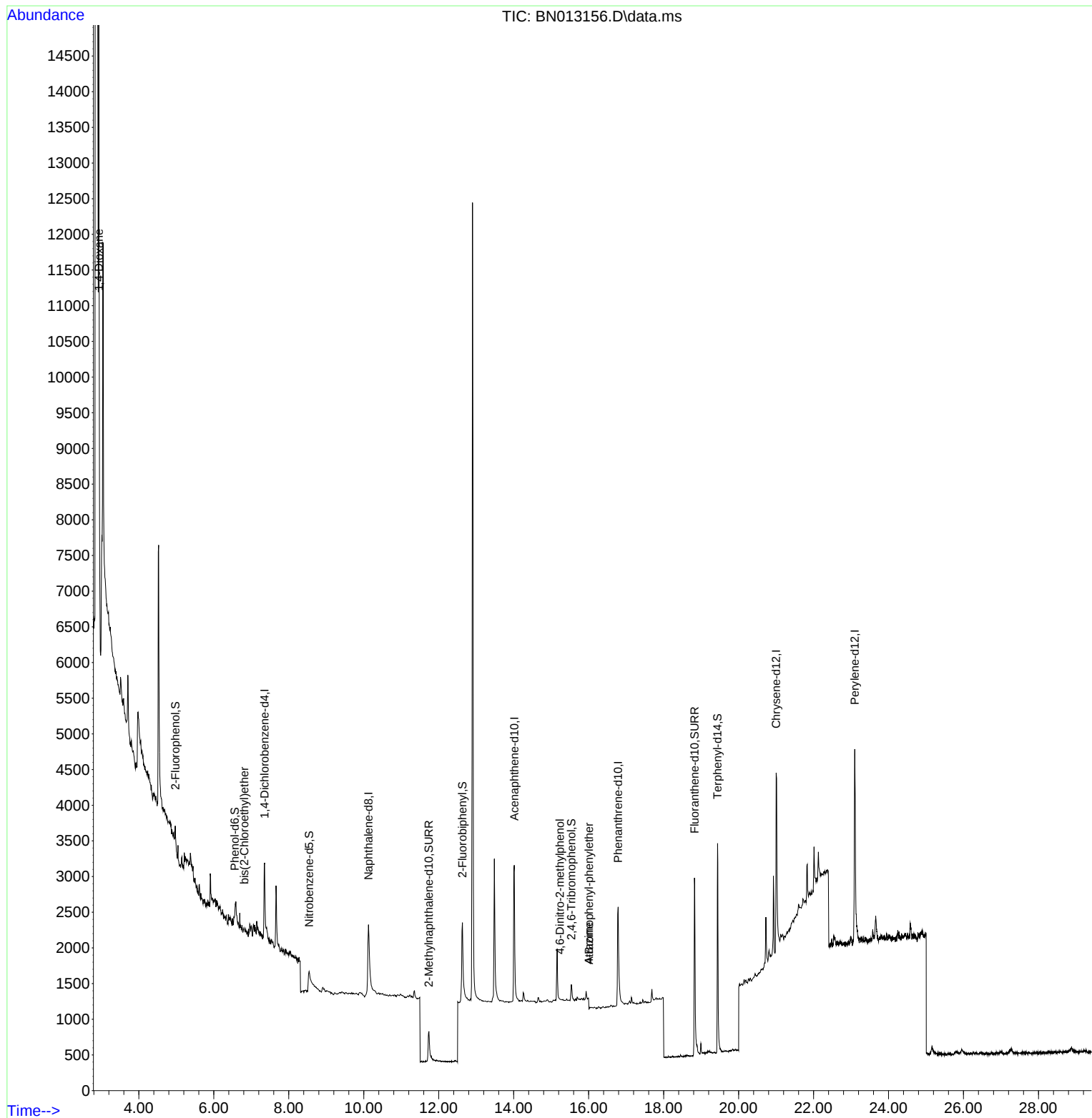
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.354	152	735	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2560	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1558	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	3390	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	3748	0.40	ng	# 0.00
36) Perylene-d12	23.100	264	4227	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	293	0.10	ng	0.00
5) Phenol-d6	6.557	99	176	0.06	ng	0.00
8) Nitrobenzene-d5	8.540	82	708	0.27	ng	0.03
11) 2-Methylnaphthalene-d10	11.737	152	1136	0.25	ng	0.01
14) 2,4,6-Tribromophenol	15.539	330	234	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1685	0.26	ng	0.00
27) Fluoranthene-d10	18.823	212	4102	0.37	ng	0.00
31) Terphenyl-d14	19.439	244	3647	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	5860	4.57	ng	# 90
6) bis(2-Chloroethyl)ether	6.814	93	43	0.02	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.234	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	202	0.30	ng	# 75
23) Atrazine	16.008	200	170	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	1037	Below	Cal	# 99

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

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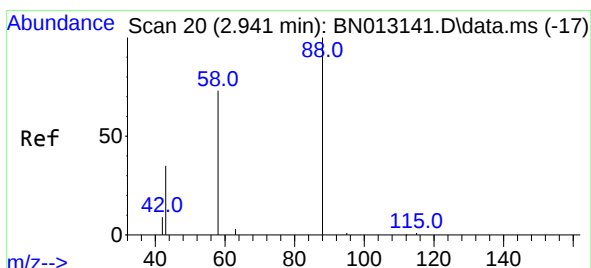
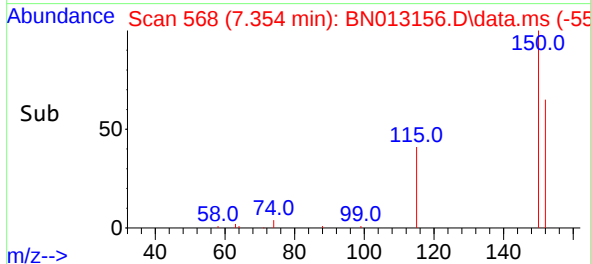
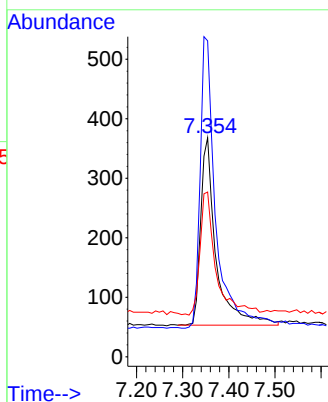
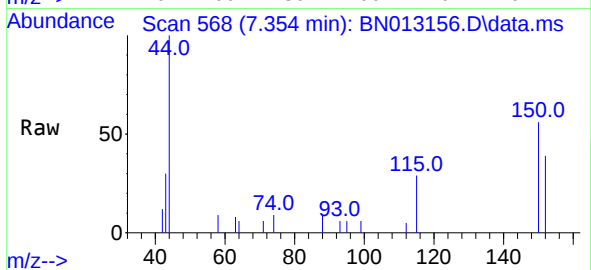


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.354 min Scan# 568
Delta R.T. -0.000 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Instrument :
BNA_N
ClientSampleId :
RE132D6-20201207

Tgt Ion: 152 Resp: 735

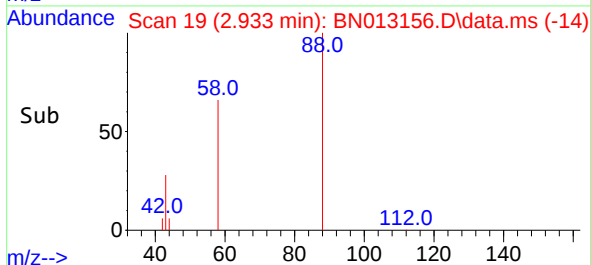
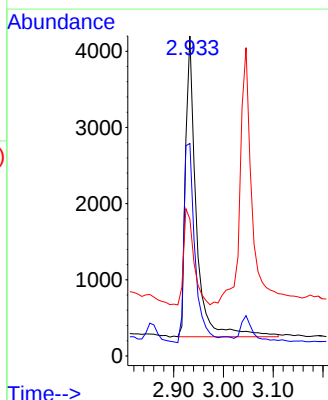
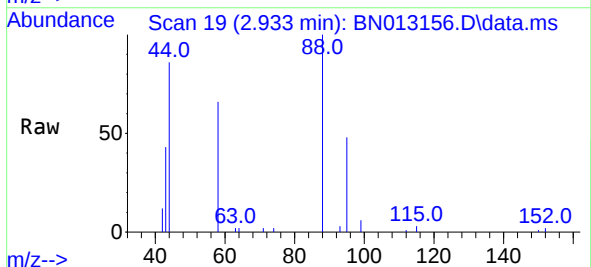
Ion	Ratio	Lower	Upper
152	100		
150	144.3	116.6	174.8
115	75.3	52.9	79.3



#2
1,4-Dioxane
Concen: 4.57 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion: 88 Resp: 5860

Ion	Ratio	Lower	Upper
88	100		
58	68.5	59.4	89.2
43	29.8	32.3	48.5

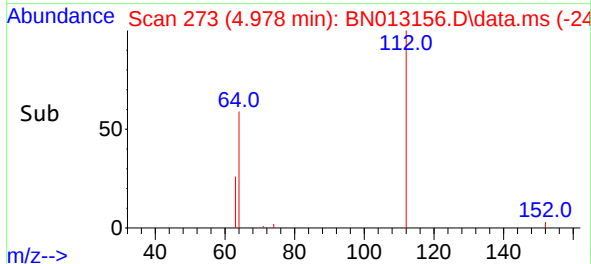
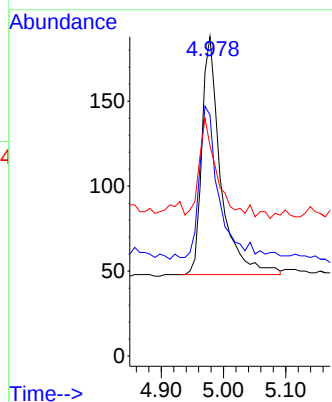
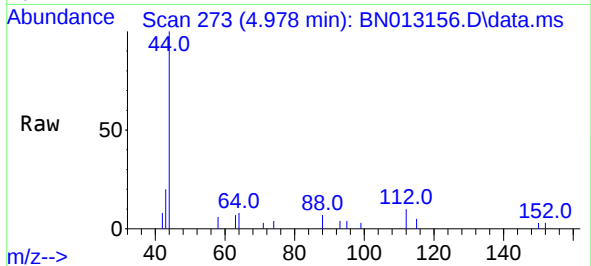




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

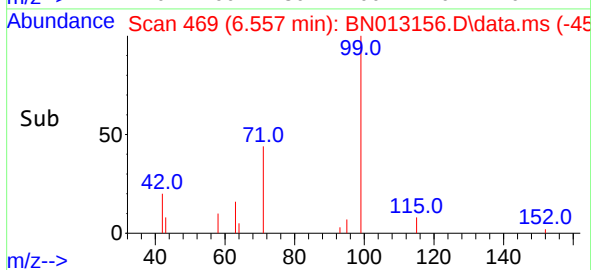
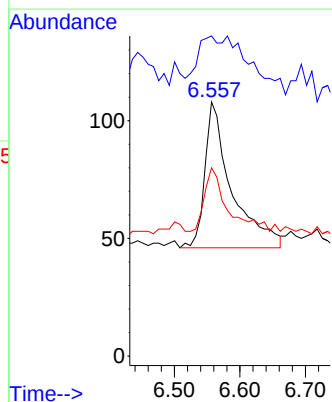
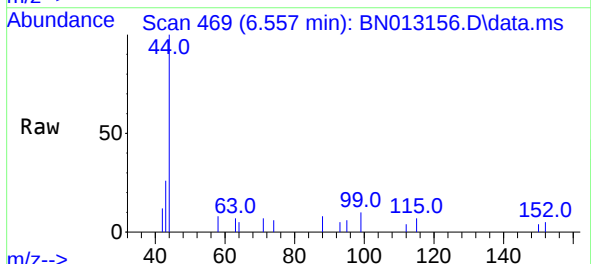
Instrument :
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ClientSampleId :
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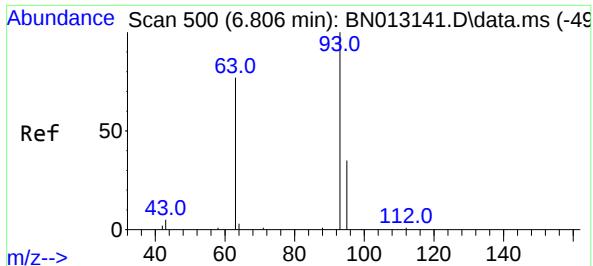
Tgt Ion:	112	Resp:	293
Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.5	74.3
63	35.5	32.0	48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.557 min Scan# 469
Delta R.T. -0.000 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion:	99	Resp:	176
Ion	Ratio	Lower	Upper
99	100		
42	24.4	22.4	33.6
71	44.3	37.8	56.6

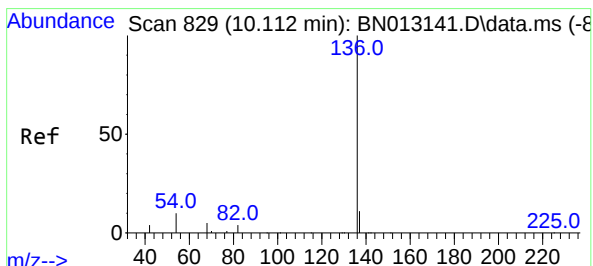
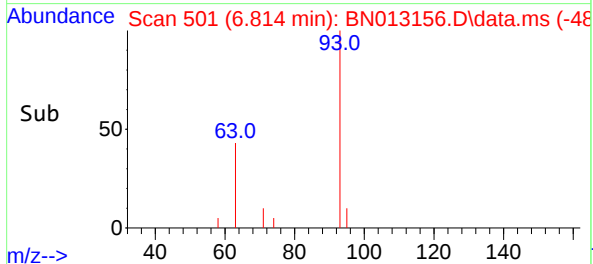
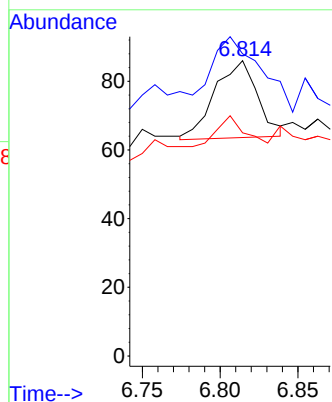
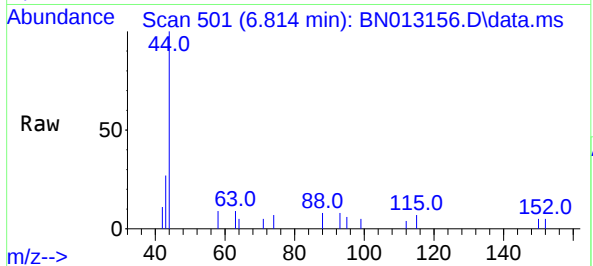




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 6.814 min Scan# 501
Delta R.T. 0.008 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

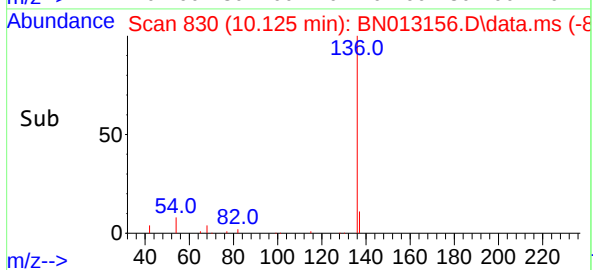
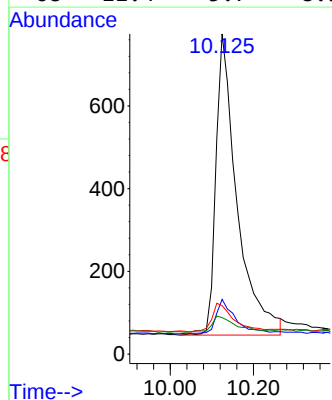
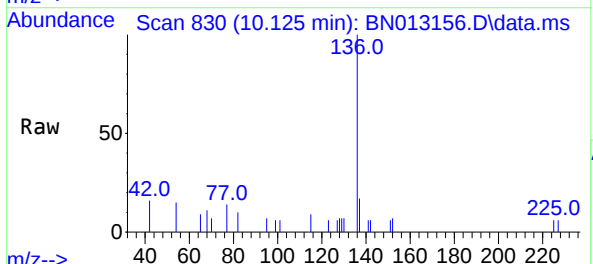
Instrument :
BNA_N
ClientSampleId :
RE132D6-20201207

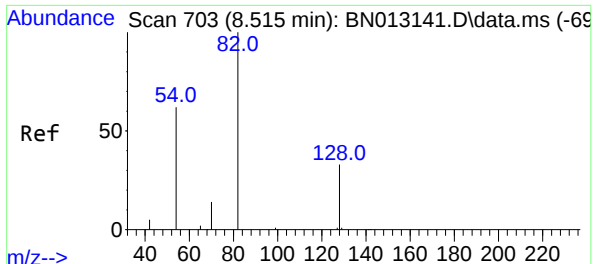
Tgt Ion: 93 Resp: 43
Ion Ratio Lower Upper
93 100
63 111.6 63.1 94.7#
95 46.5 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion: 136 Resp: 2560
Ion Ratio Lower Upper
136 100
137 17.1 10.6 15.8#
54 15.1 8.6 12.8#
68 11.4 5.7 8.5#

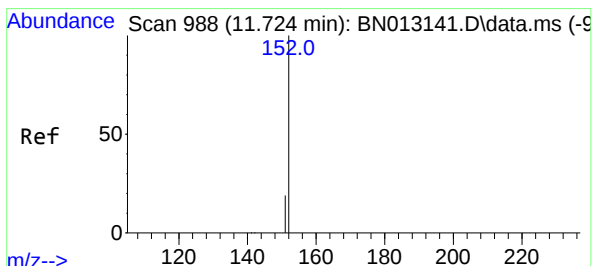
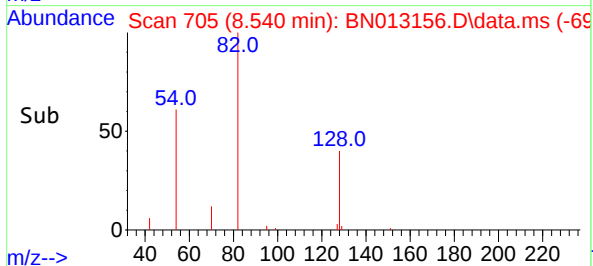
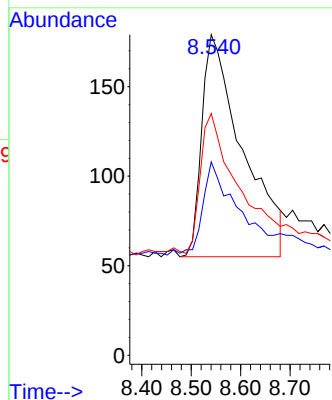
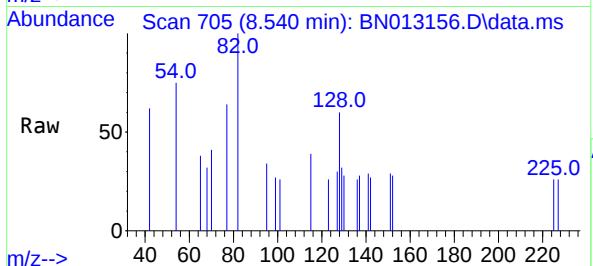




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

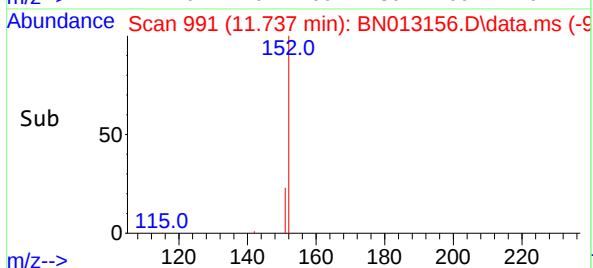
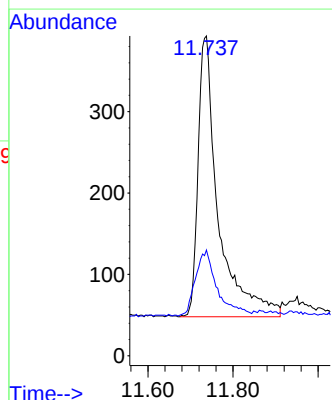
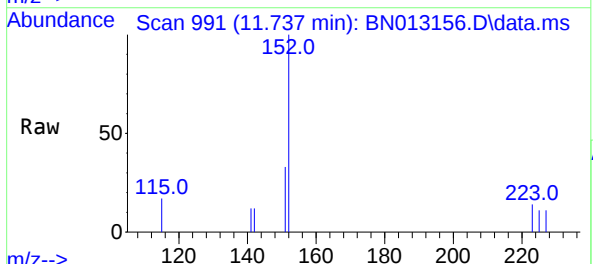
Instrument :
BNA_N
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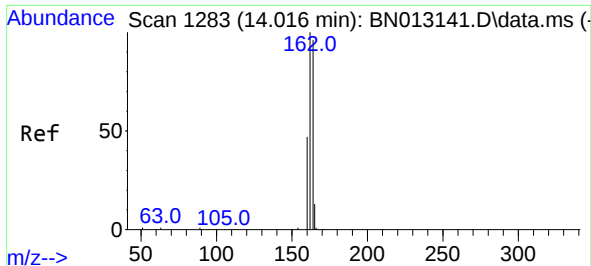
Tgt Ion: 82 Resp: 708
Ion Ratio Lower Upper
82 100
128 60.3 30.6 46.0#
54 75.4 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.013 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion: 152 Resp: 1136
Ion Ratio Lower Upper
152 100
151 25.2 16.7 25.1#



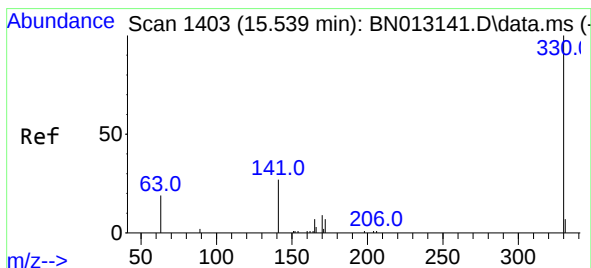
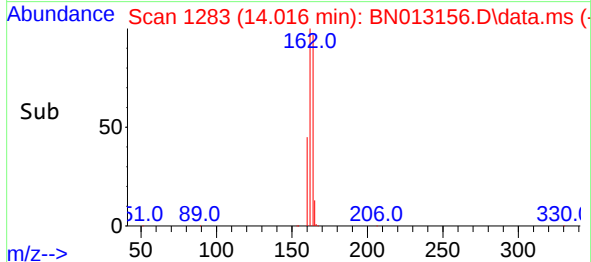
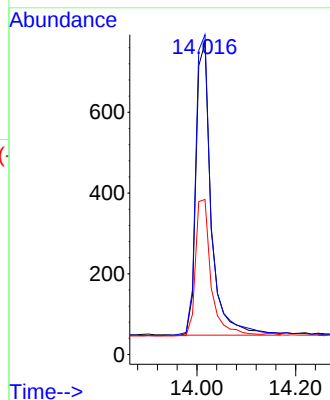
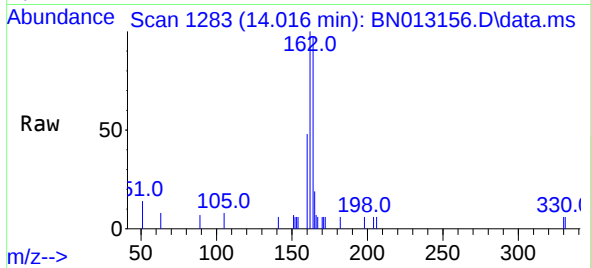


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Instrument :
BNA_N
ClientSampleId :
RE132D6-20201207

Tgt Ion:164 Resp: 1558

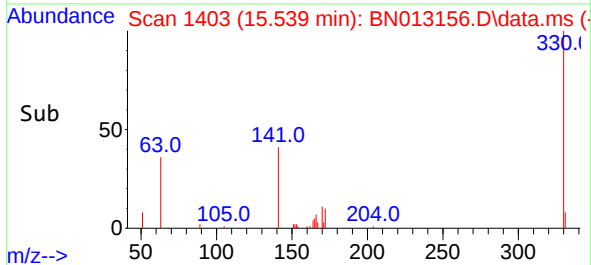
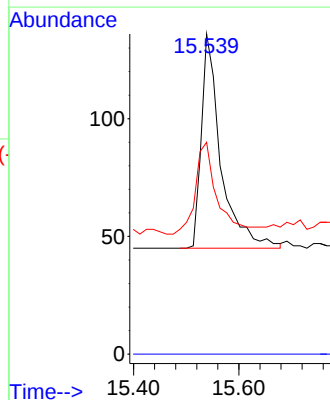
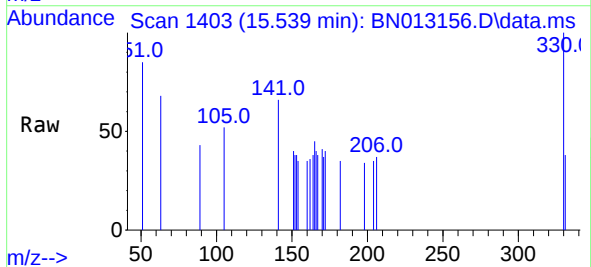
Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	49.7	39.5	59.3

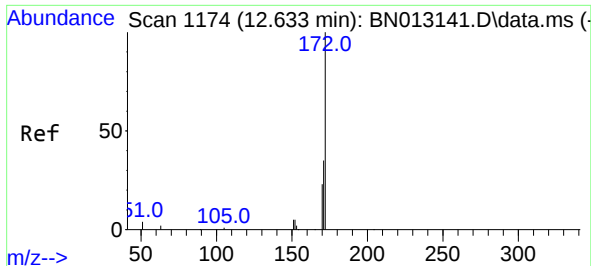


#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion:330 Resp: 234

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.9	34.4	51.6

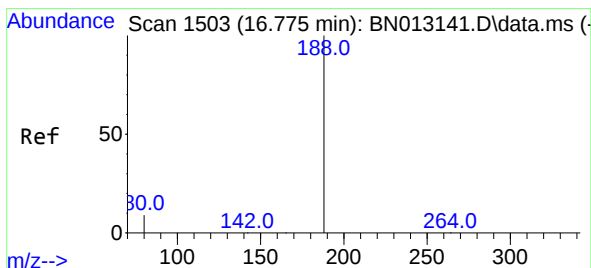
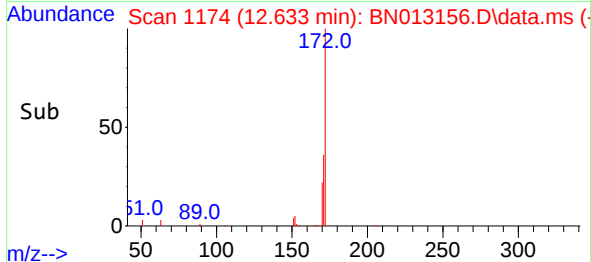
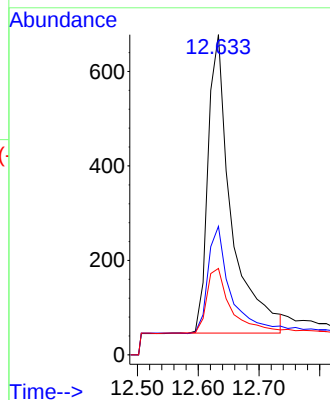
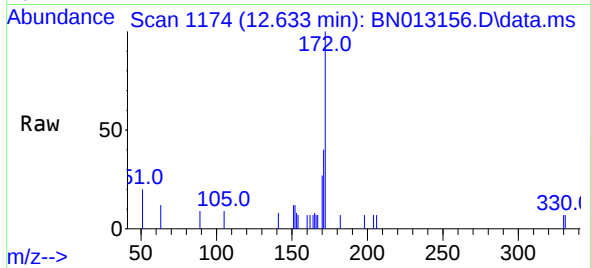




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

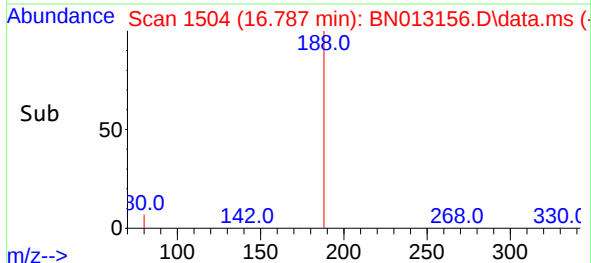
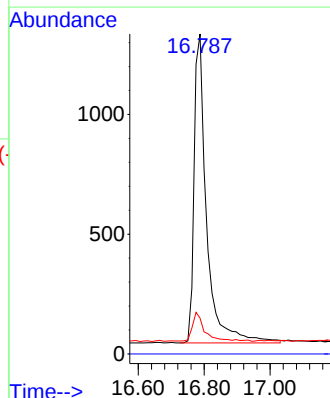
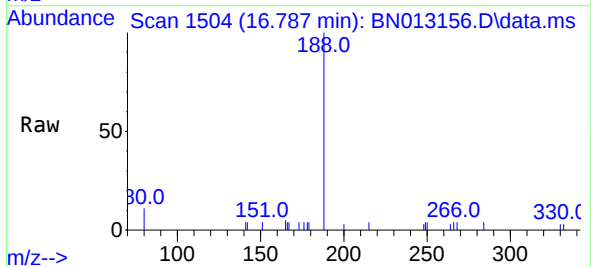
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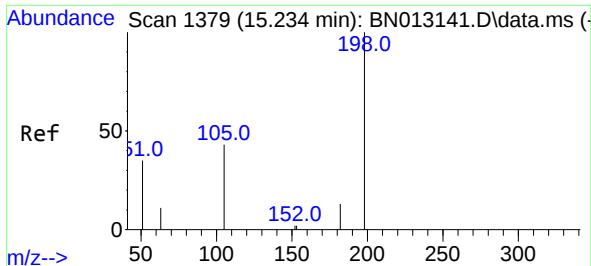
Tgt Ion:	172	Resp:	1685
Ion	Ratio	Lower	Upper
172	100		
171	40.1	28.2	42.4
170	27.0	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion:	188	Resp:	3390
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	5.0	7.4

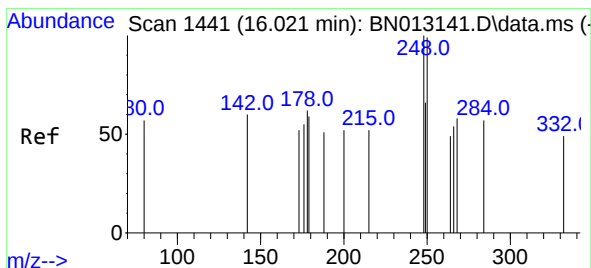
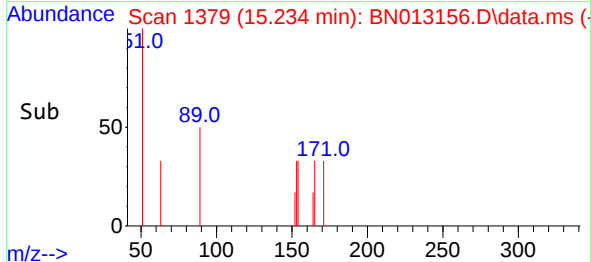
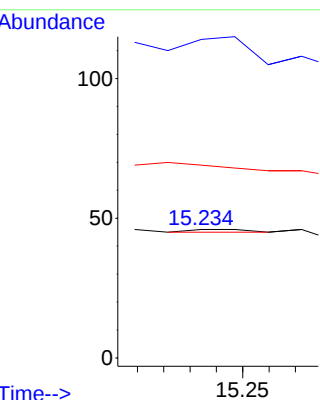
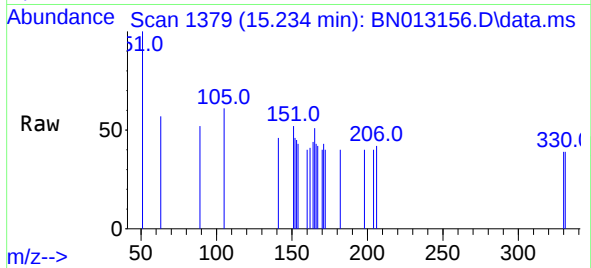




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

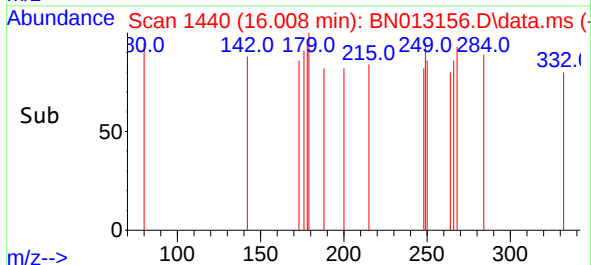
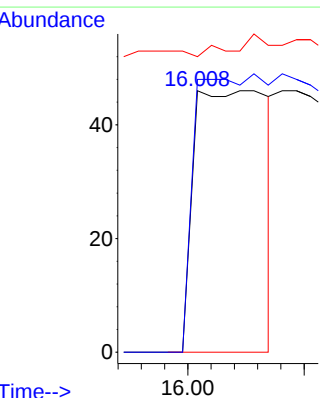
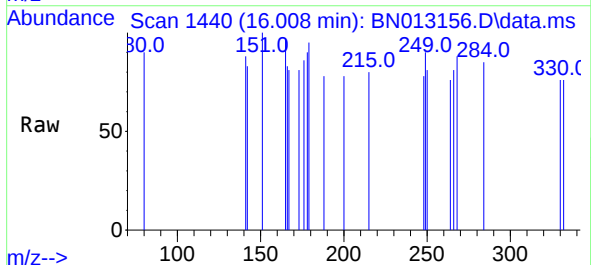
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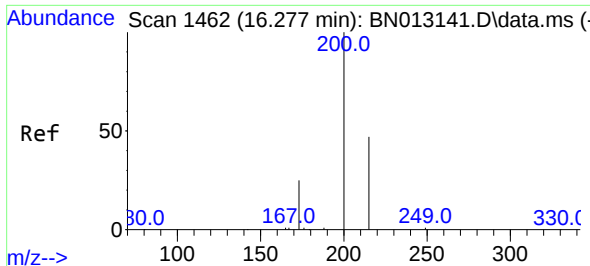
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 247.8 43.5 65.3#
105 150.0 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.30 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion:248 Resp: 202
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 113.0 57.8 86.8#



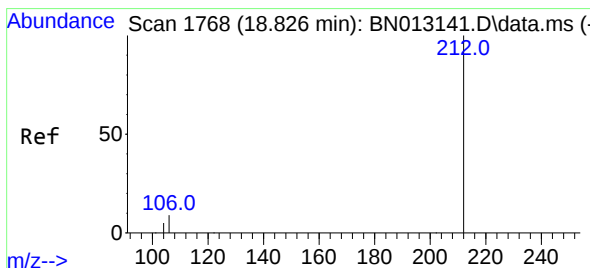
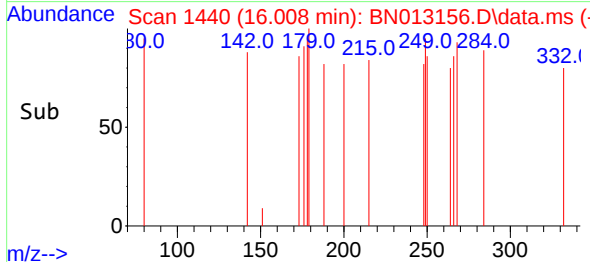
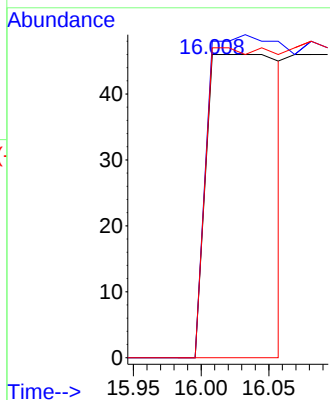
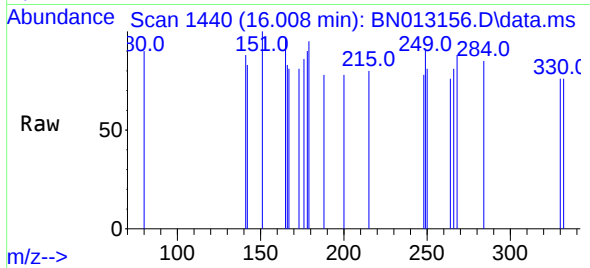


#23
Atrazine
Concen: 0.08 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Instrument :
BNA_N
ClientSampleId :
RE132D6-20201207

Tgt Ion: 200 Resp: 170

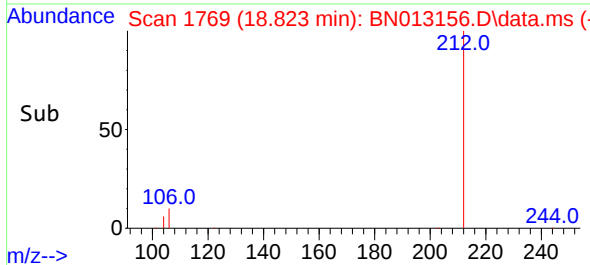
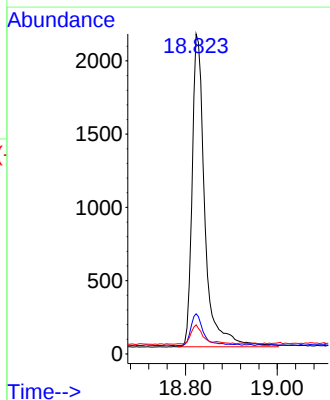
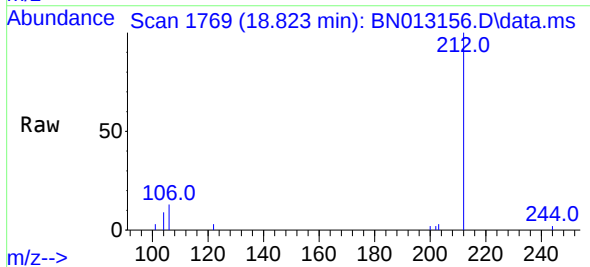
Ion	Ratio	Lower	Upper
200	100		
173	104.3	22.8	34.2#
215	102.2	38.1	57.1#

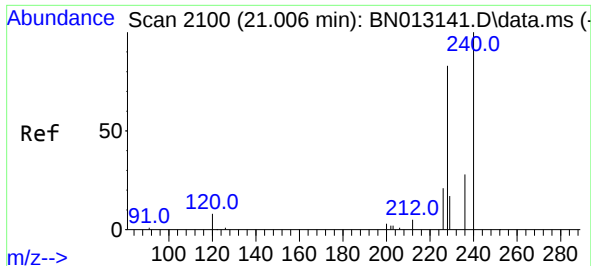


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.823 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion: 212 Resp: 4102

Ion	Ratio	Lower	Upper
212	100		
106	10.6	6.8	10.2#
104	5.5	4.1	6.1

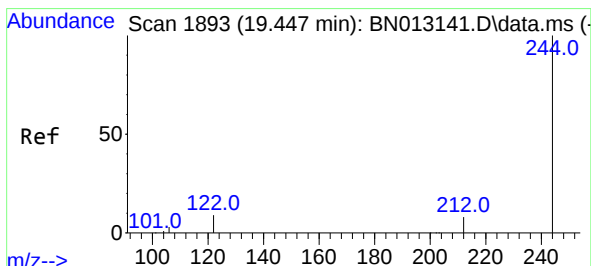
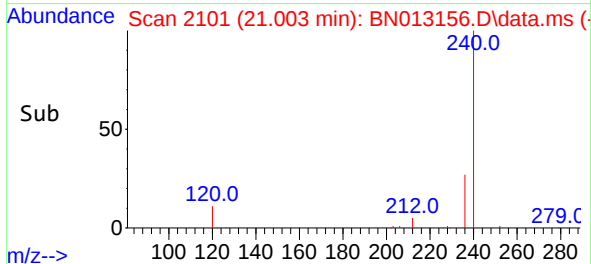
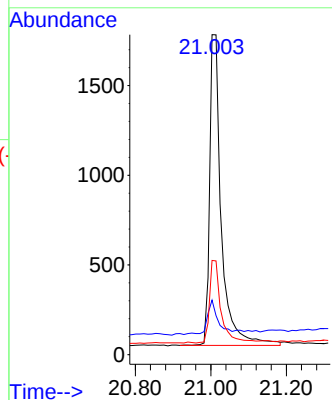
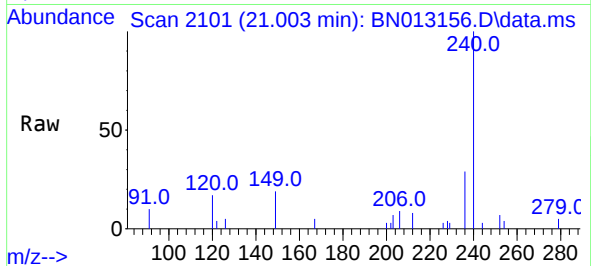




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

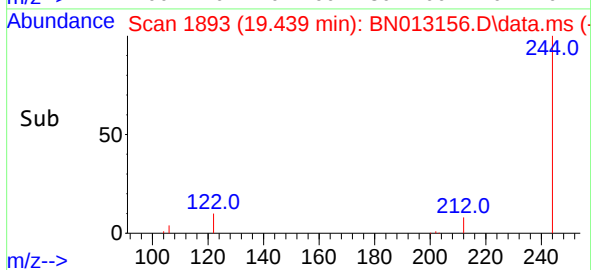
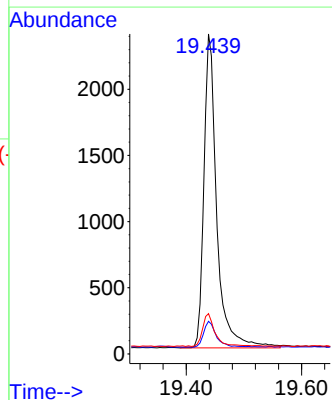
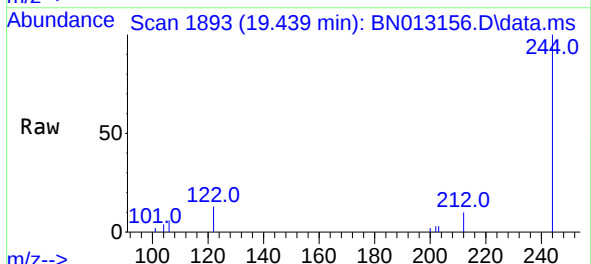
Instrument :
BNA_N
ClientSampleId :
RE132D6-20201207

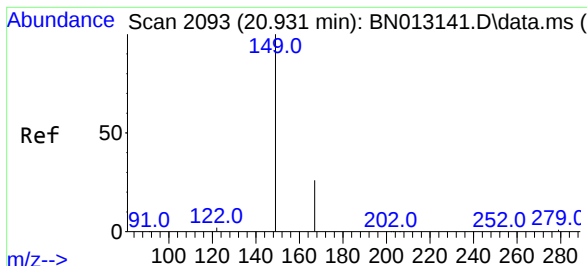
Tgt Ion:240 Resp: 3748
Ion Ratio Lower Upper
240 100
120 17.0 5.3 7.9#
236 29.4 21.8 32.8



#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion:244 Resp: 3647
Ion Ratio Lower Upper
244 100
212 10.2 7.3 10.9
122 12.6 7.3 10.9#

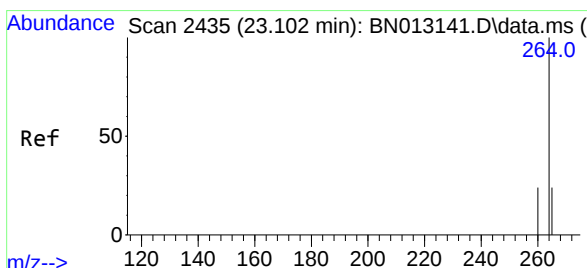
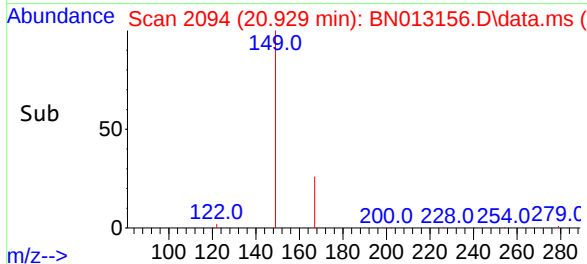
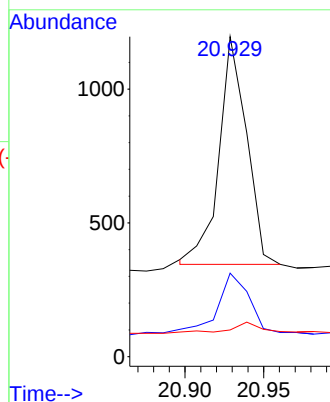
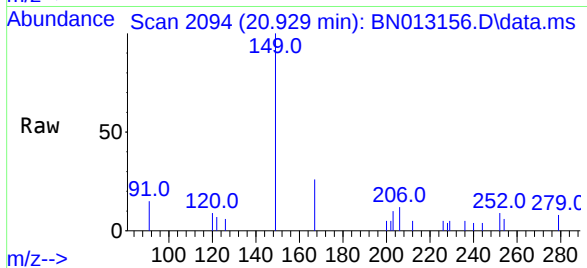




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Instrument :
BNA_N
ClientSampleId :
RE132D6-20201207

Tgt Ion:149 Resp: 1037
Ion Ratio Lower Upper
149 100
167 28.4 23.2 34.8
279 3.8 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.100 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BN013156.D
Acq: 16 Dec 2020 07:07

Tgt Ion:264 Resp: 4227
Ion Ratio Lower Upper
264 100
260 26.4 19.8 29.6
265 84.5 51.4 77.0#

