

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013275.D
 Acq On : 22 Dec 2020 16:24
 Operator : CG/JU
 Sample : L5124-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20201214

Quant Time: Dec 22 17:03:39 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 22 10:46:43 2020
 Response via : Initial Calibration

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

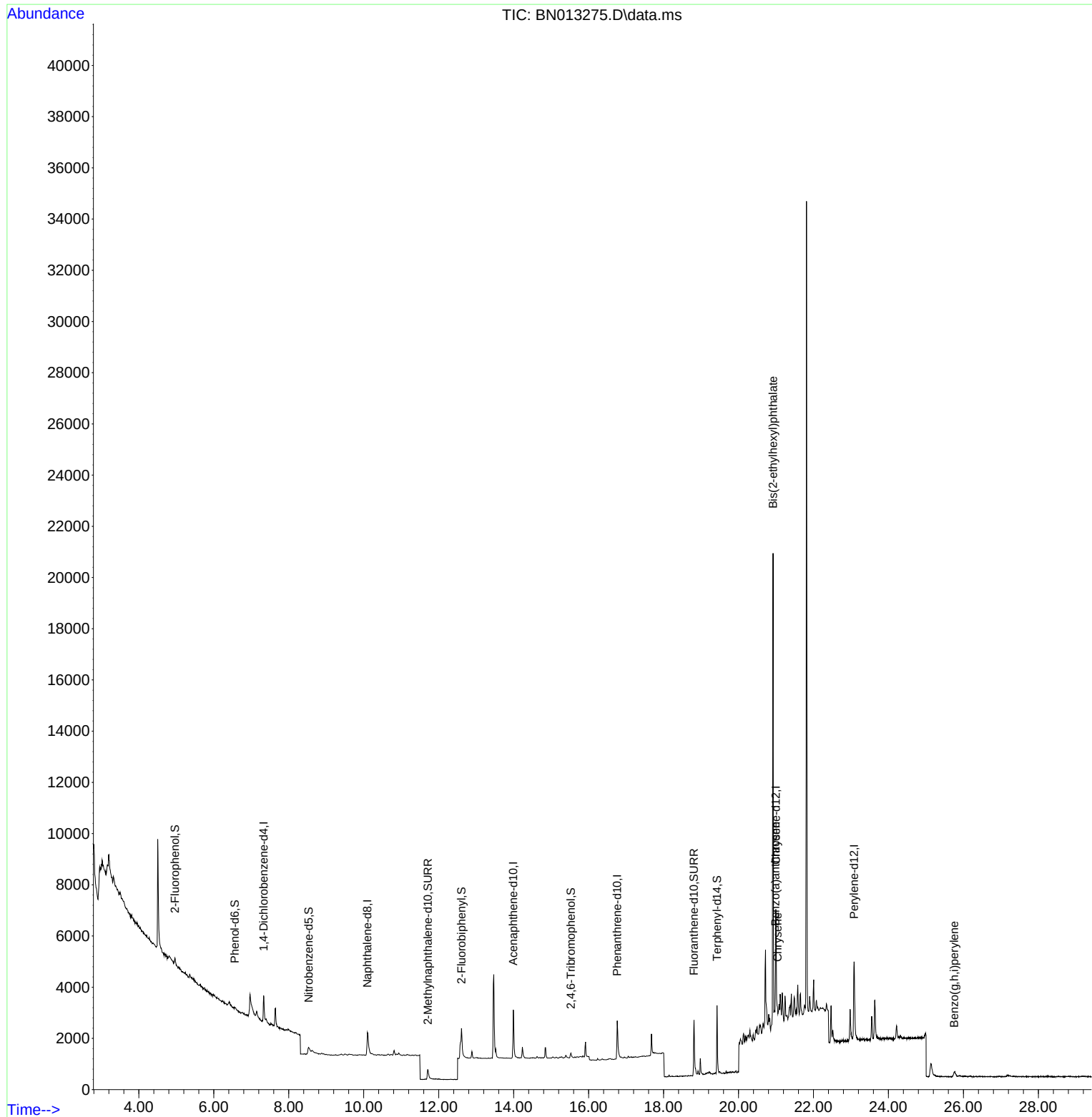
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	696	0.40	ng	0.00
7) Naphthalene-d8	10.099	136	2074	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1254	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	3010	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3844	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	4561	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	257	0.09	ng	0.00
5) Phenol-d6	6.557	99	142	0.05	ng	0.02
8) Nitrobenzene-d5	8.528	82	582	0.27	ng	0.03
11) 2-Methylnaphthalene-d10	11.710	152	967	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	190	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1424	0.27	ng	0.00
27) Fluoranthene-d10	18.811	212	3248	0.33	ng	0.00
31) Terphenyl-d14	19.426	244	3092	0.32	ng	0.00
Target Compounds						
32) Benzo(a)anthracene	20.984	228	350	0.03	ng	# 55
33) Chrysene	21.037	228	423	0.03	ng	# 67
34) Bis(2-ethylhexyl)phtha...	20.921	149	15097	1.89	ng	96
41) Benzo(g,h,i)perylene	25.755	276	519	0.03	ng	# 21

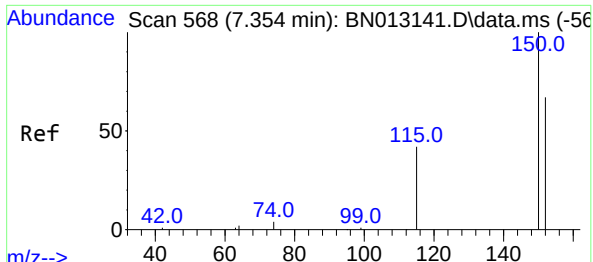
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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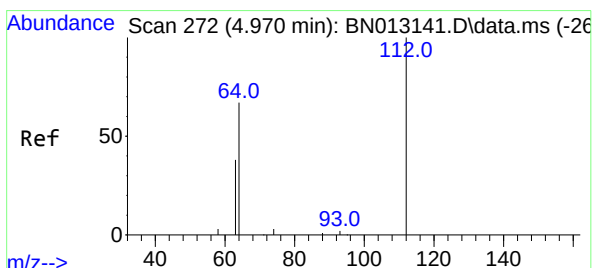
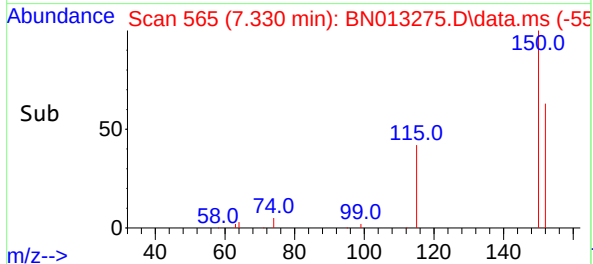
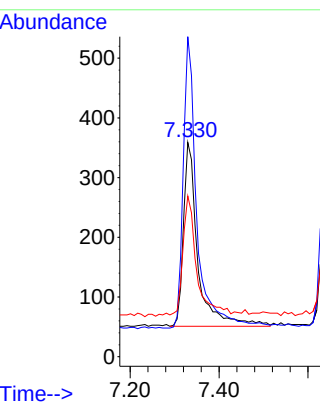
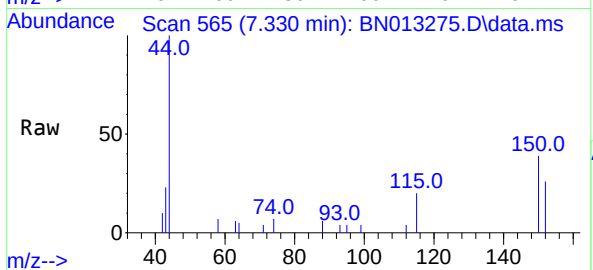




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

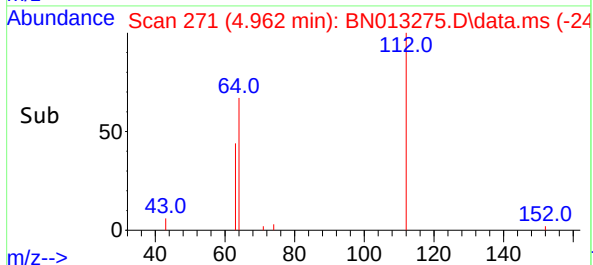
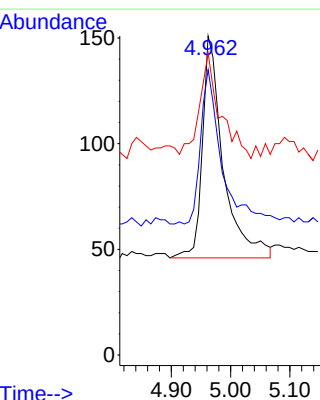
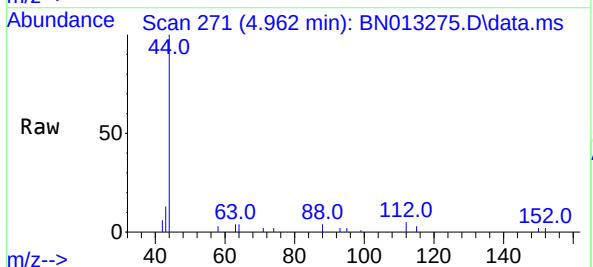
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

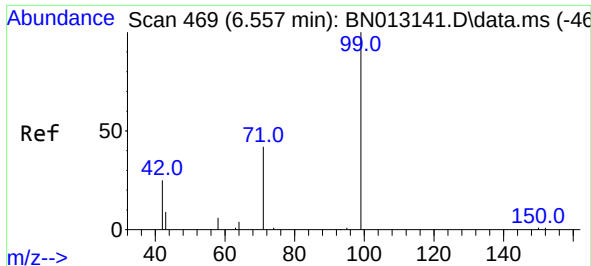
Tgt Ion:152 Resp: 696
Ion Ratio Lower Upper
152 100
150 149.3 116.6 174.8
115 74.9 52.9 79.3



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:112 Resp: 257
Ion Ratio Lower Upper
112 100
64 70.0 49.5 74.3
63 47.5 32.0 48.0



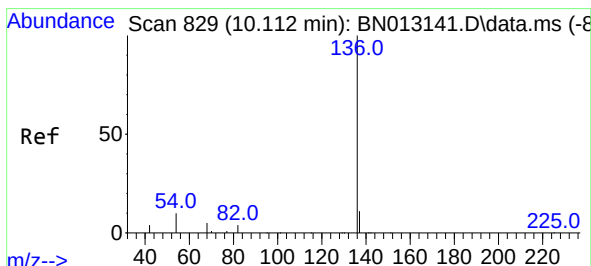
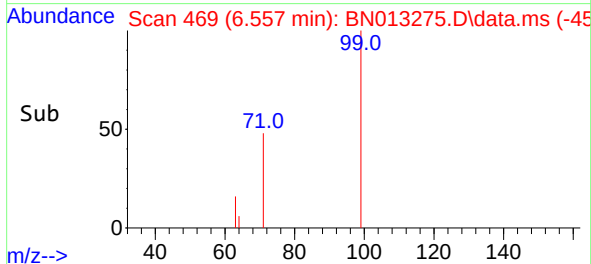
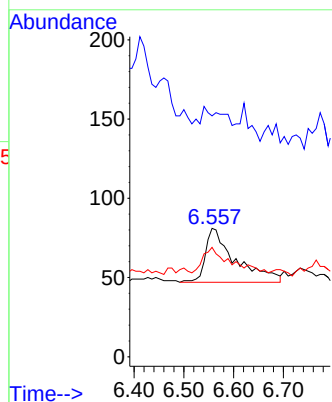
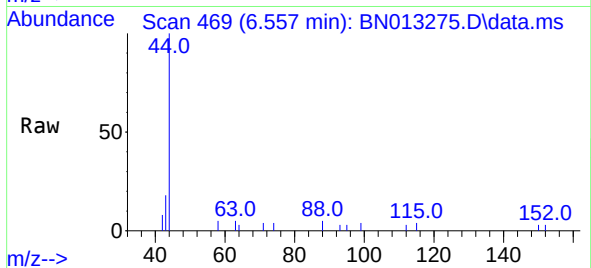


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

Tgt Ion: 99 Resp: 142

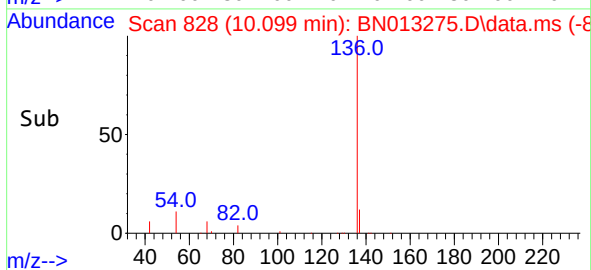
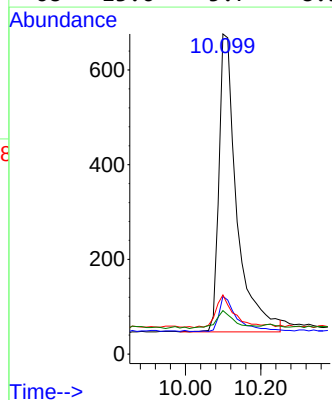
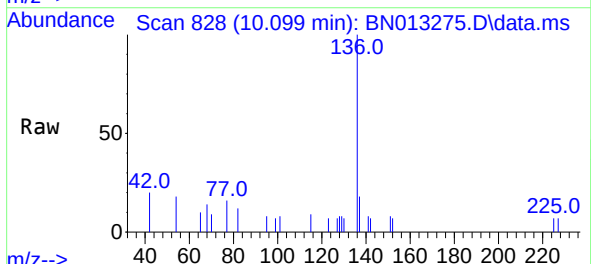
Ion	Ratio	Lower	Upper
99	100		
42	7.7	22.4	33.6#
71	35.9	37.8	56.6#

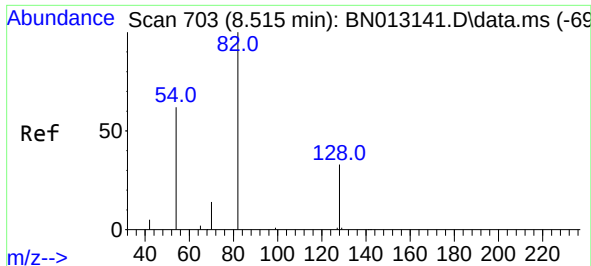


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.099 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion: 136 Resp: 2074

Ion	Ratio	Lower	Upper
136	100		
137	18.0	10.6	15.8#
54	18.5	8.6	12.8#
68	13.6	5.7	8.5#

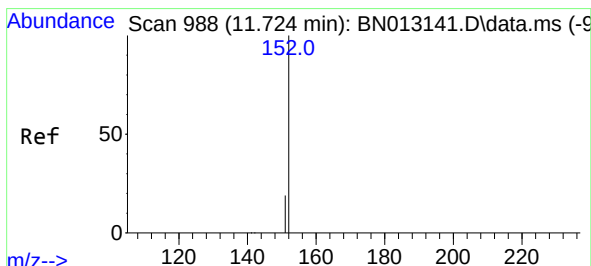
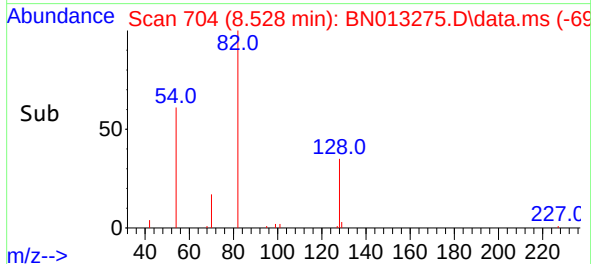
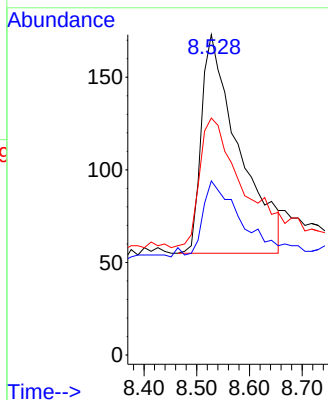
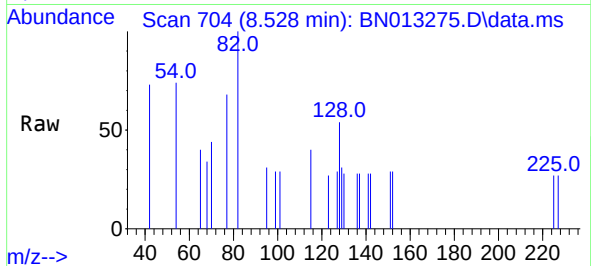




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.025 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

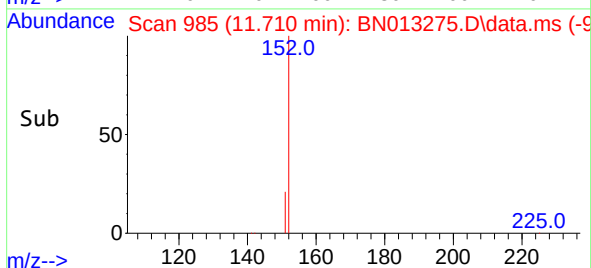
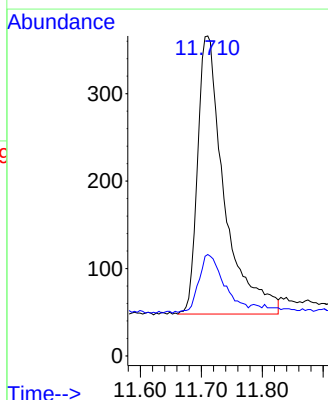
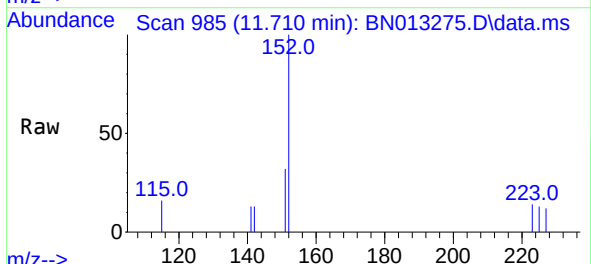
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

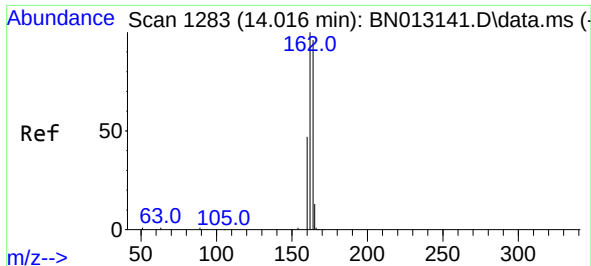
Tgt Ion: 82 Resp: 582
Ion Ratio Lower Upper
82 100
128 54.3 30.6 46.0#
54 74.0 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.710 min Scan# 985
Delta R.T. 0.004 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:152 Resp: 967
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



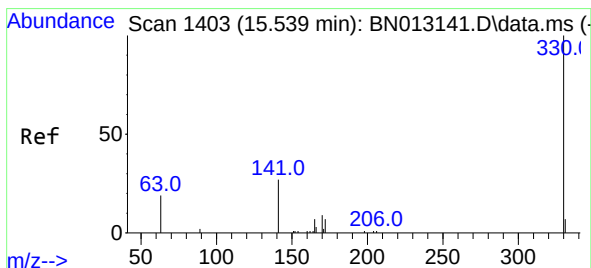
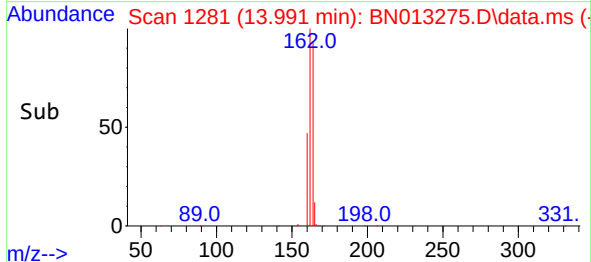
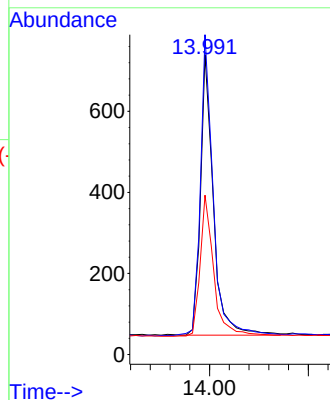
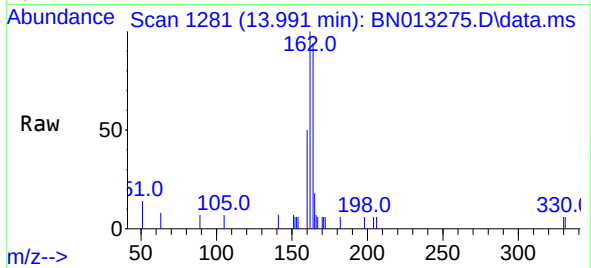


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

Tgt Ion:164 Resp: 1254

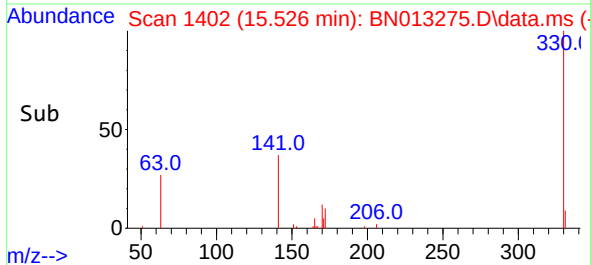
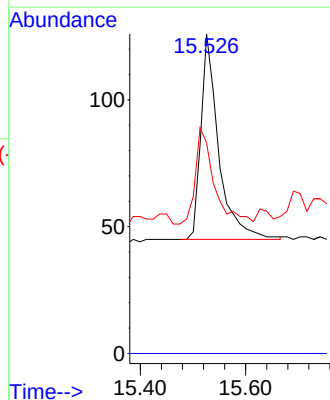
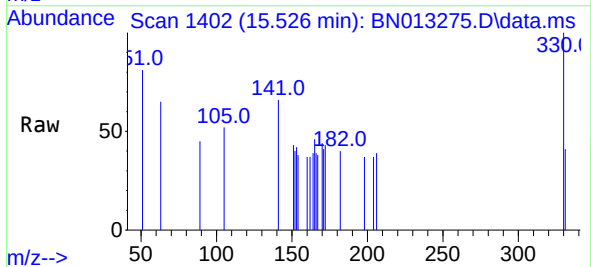
Ion	Ratio	Lower	Upper
164	100		
162	106.6	80.6	120.8
160	53.1	39.5	59.3

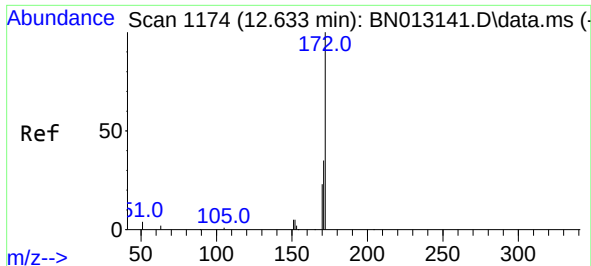


#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:330 Resp: 190

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.5	34.4	51.6

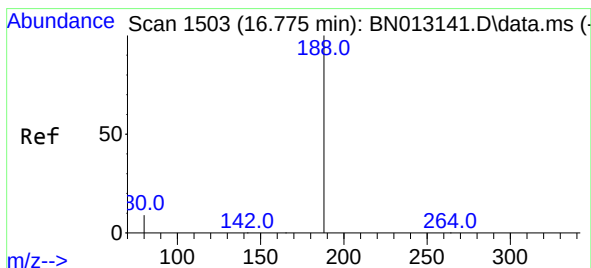
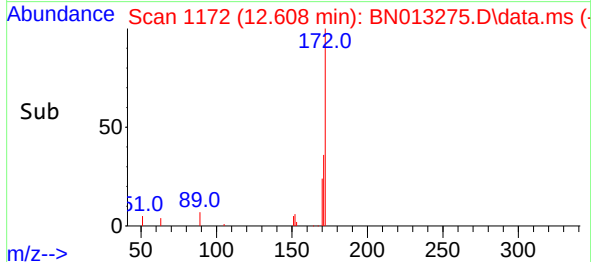
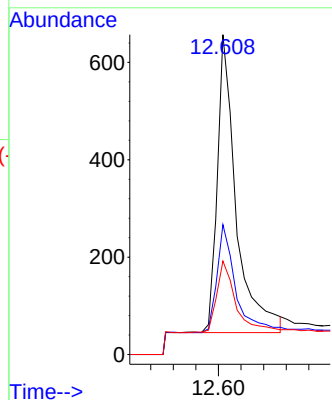
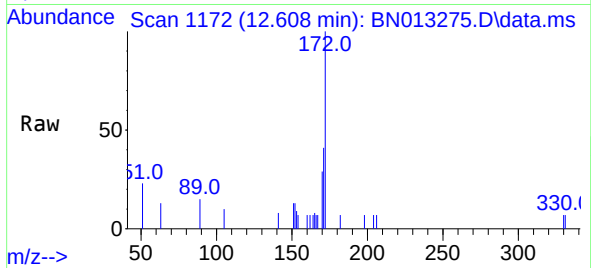




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

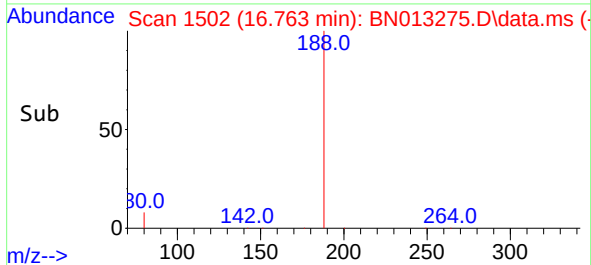
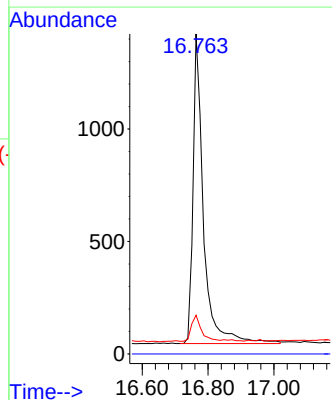
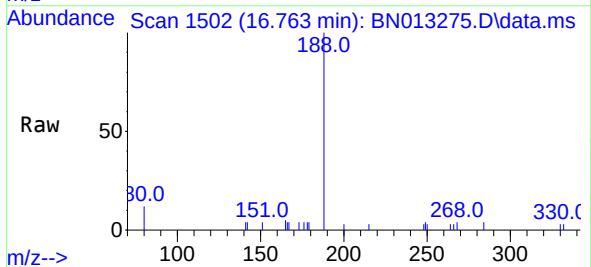
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

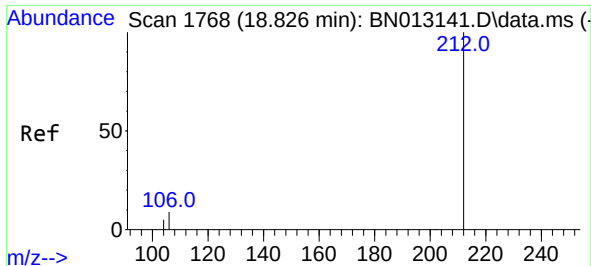
Tgt Ion:172	Resp:	1424	
Ion	Ratio	Lower	Upper
172	100		
171	40.6	28.2	42.4
170	29.2	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:188	Resp:	3010	
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	5.0	7.4#



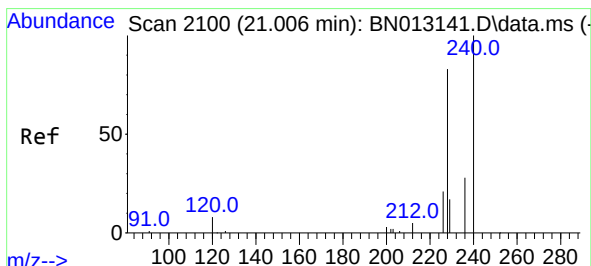
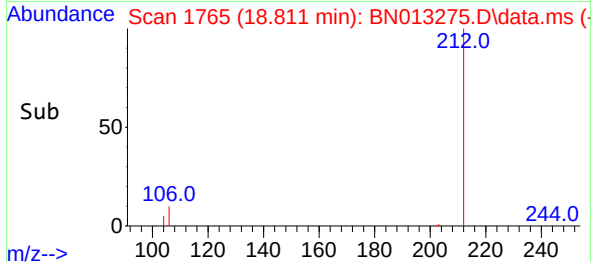
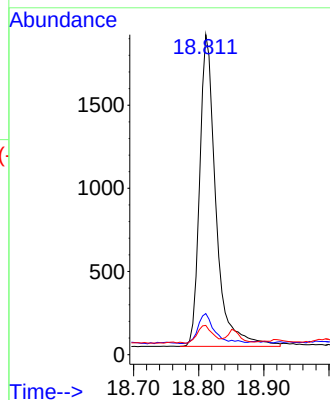
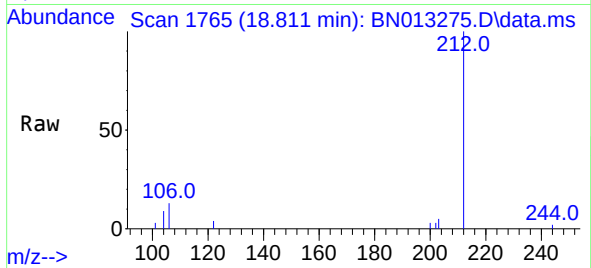


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.811 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

Tgt Ion:212 Resp: 3248

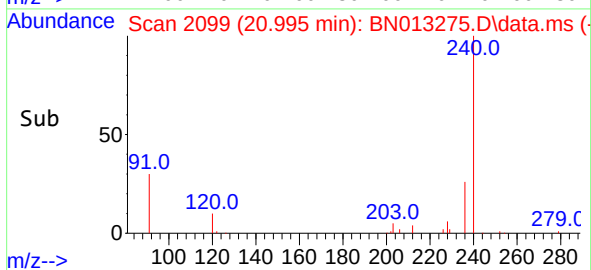
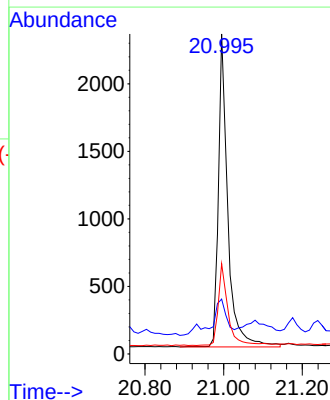
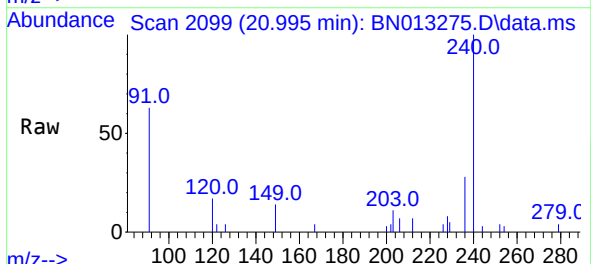
Ion	Ratio	Lower	Upper
212	100		
106	9.8	6.8	10.2
104	5.4	4.1	6.1

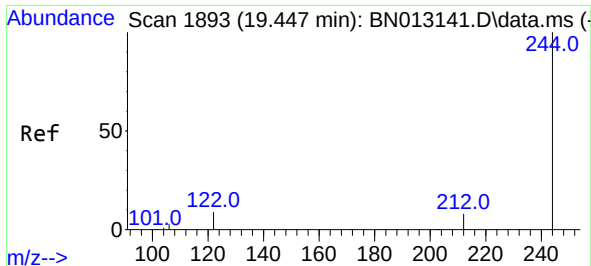


#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:240 Resp: 3844

Ion	Ratio	Lower	Upper
240	100		
120	17.1	5.3	7.9#
236	28.2	21.8	32.8

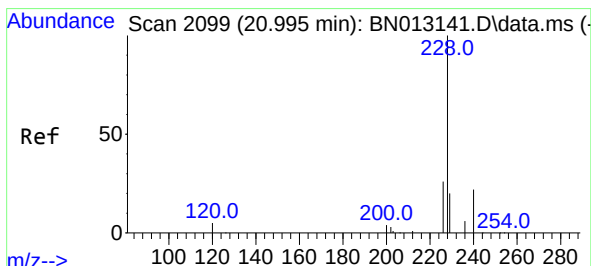
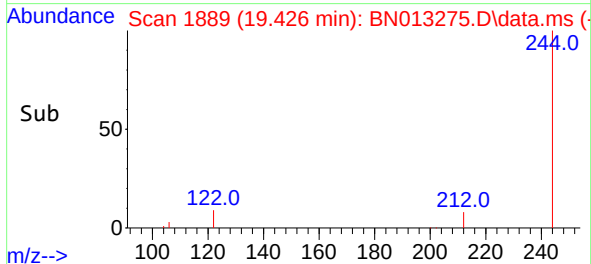
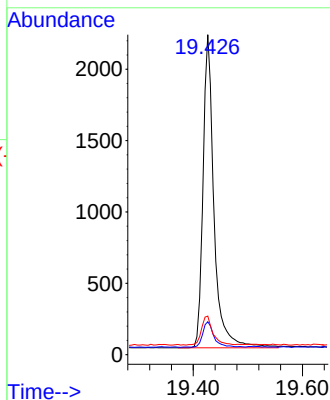
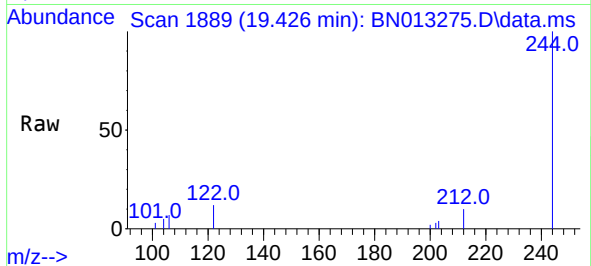




#31
 Terphenyl-d14
 Concen: 0.32 ng
 RT: 19.426 min Scan# 1889
 Delta R.T. -0.005 min
 Lab File: BN013275.D
 Acq: 22 Dec 2020 16:24

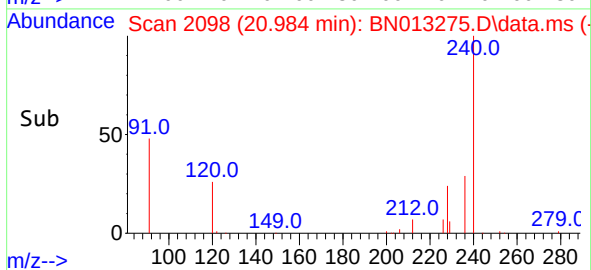
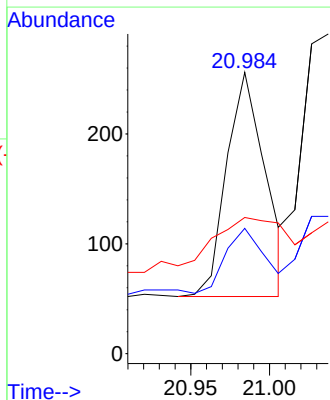
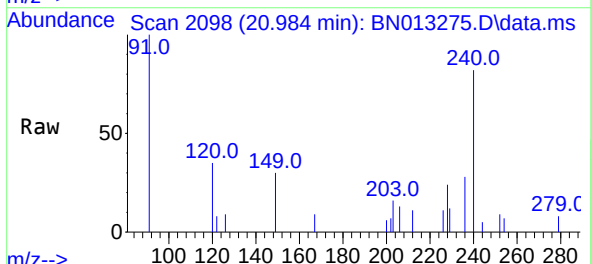
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20201214

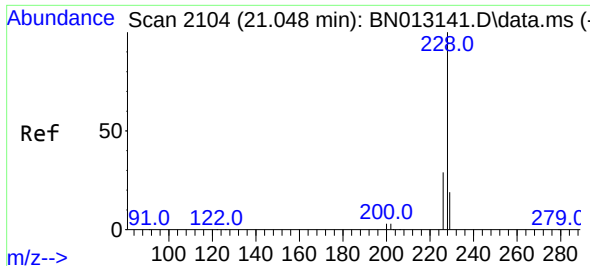
Tgt Ion:244	Resp:	3092
Ion Ratio	Lower	Upper
244	100	
212	10.3	7.3 10.9
122	12.0	7.3 10.9#



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 20.984 min Scan# 2098
 Delta R.T. -0.000 min
 Lab File: BN013275.D
 Acq: 22 Dec 2020 16:24

Tgt Ion:228	Resp:	350
Ion Ratio	Lower	Upper
228	100	
226	44.5	22.3 33.5#
229	48.4	15.7 23.5#

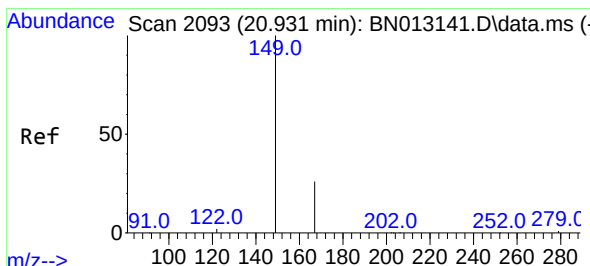
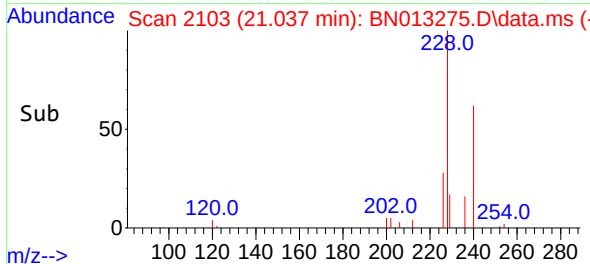
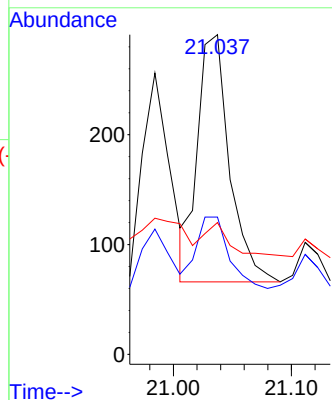
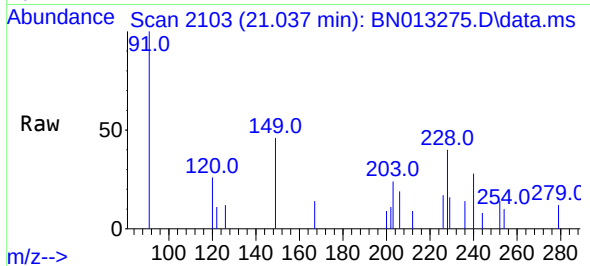




#33
Chrysene
Concen: 0.03 ng
RT: 21.037 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

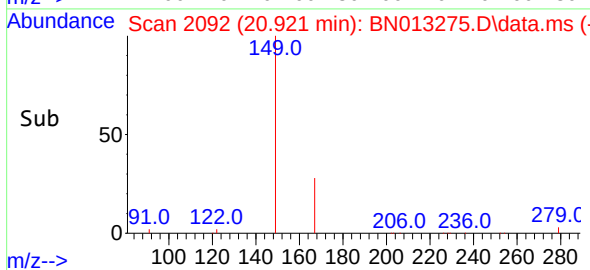
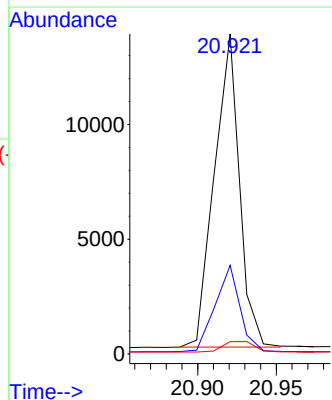
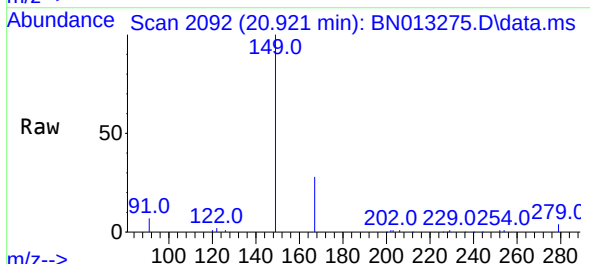
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

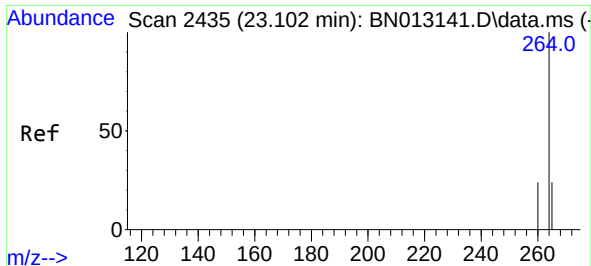
Tgt Ion:228 Resp: 423
Ion Ratio Lower Upper
228 100
226 43.0 24.2 36.2#
229 41.2 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.89 ng
RT: 20.921 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:149 Resp: 15097
Ion Ratio Lower Upper
149 100
167 27.0 23.2 34.8
279 4.2 3.9 5.9



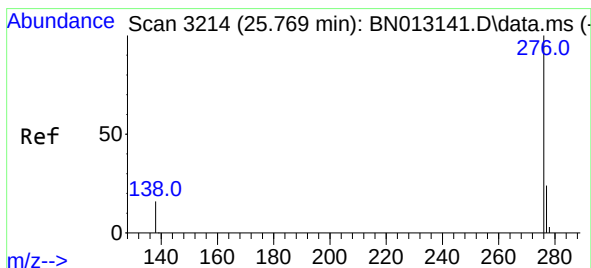
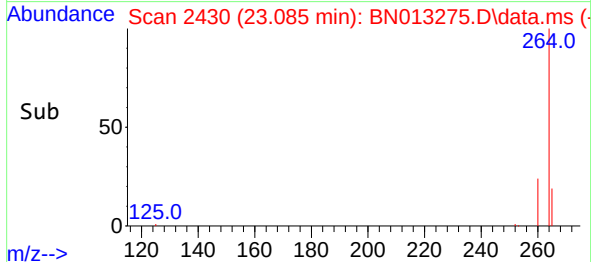
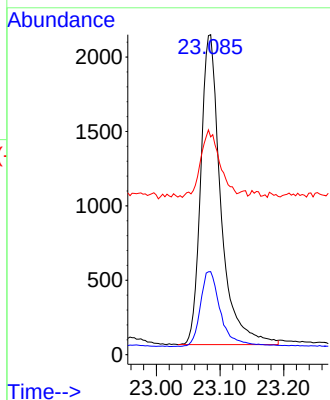
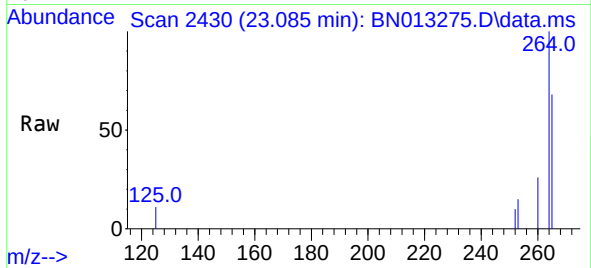


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.085 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

Tgt Ion:264 Resp: 4561

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.6
265	68.0	51.4	77.0



#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.755 min Scan# 3210
Delta R.T. 0.013 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:276 Resp: 519

Ion	Ratio	Lower	Upper
276	100		
277	59.2	19.8	29.8#
138	54.3	11.7	17.5#

