

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012021\
 Data File : BM028469.D
 Acq On : 20 Jan 2021 15:53
 Operator : CG/JU
 Sample : M1124-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-231

Quant Time: Jan 20 16:24:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 14:45:01 2021
 Response via : Initial Calibration

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

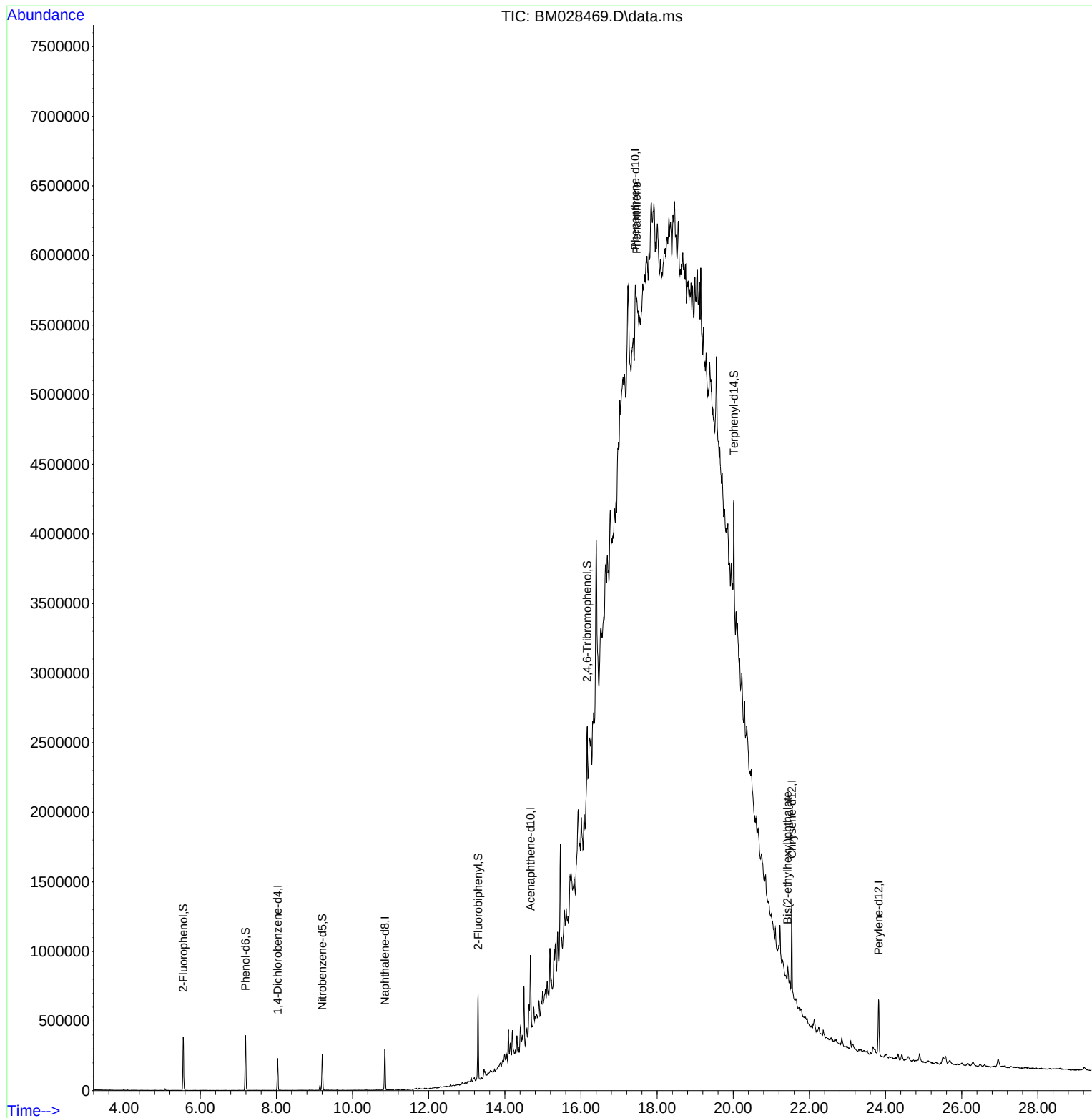
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	58900	40.00	ng	0.00
21) Naphthalene-d8	10.851	136	232446	40.00	ng	# 0.00
39) Acenaphthene-d10	14.674	164	140655	40.00	ng	0.00
64) Phenanthrene-d10	17.421	188	253578	40.00	ng	# 0.02
76) Chrysene-d12	21.539	240	272771	40.00	ng	# 0.00
86) Perylene-d12	23.815	264	266170	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	154465	82.85	ng	0.00
7) Phenol-d6	7.187	99	199366	78.54	ng	0.00
23) Nitrobenzene-d5	9.204	82	134193	54.76	ng	0.00
42) 2,4,6-Tribromophenol	16.163	330	75574	81.11	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	289364	51.62	ng	0.00
79) Terphenyl-d14	20.015	244	386192	51.13	ng	0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.122	163	12726	2.20	ng	# 84
71) Phenanthrene	17.462	178	114273	14.66	ng	# 45
75) Fluoranthene	19.468	202	25096	2.87	ng	# 7
84) Bis(2-ethylhexyl)phtha...	21.427	149	29989	4.92	ng	94

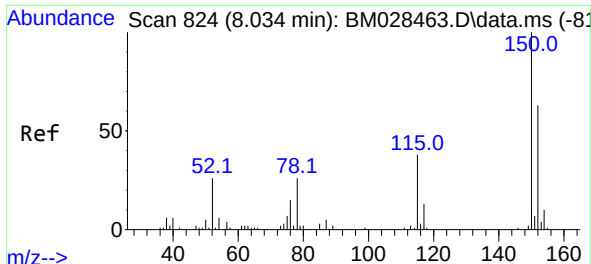
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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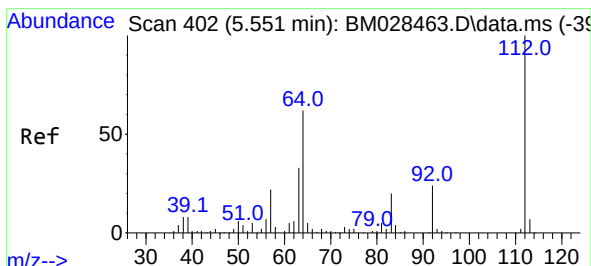
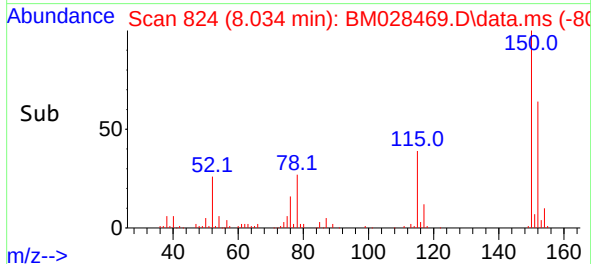
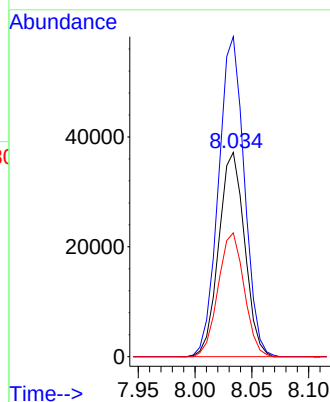
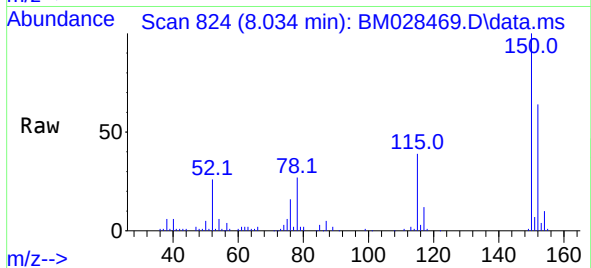




#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.034 min Scan# 824
Delta R.T. -0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

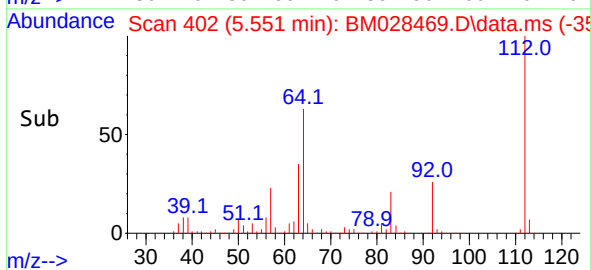
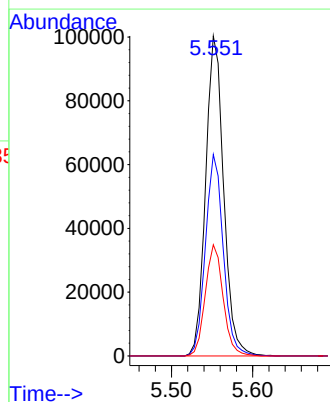
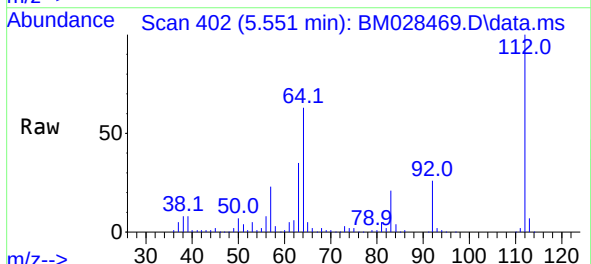
Instrument :
BNA_M
ClientSampleId :
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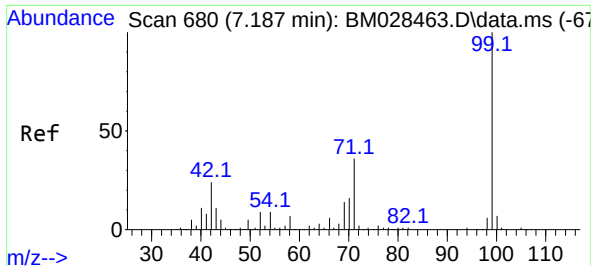
Tgt Ion:152 Resp: 58900
Ion Ratio Lower Upper
152 100
150 156.7 120.6 181.0
115 60.7 47.2 70.8



#5
2-Fluorophenol
Concen: 82.85 ng
RT: 5.551 min Scan# 402
Delta R.T. 0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion:112 Resp: 154465
Ion Ratio Lower Upper
112 100
64 63.0 50.6 76.0
63 34.8 31.0 46.6

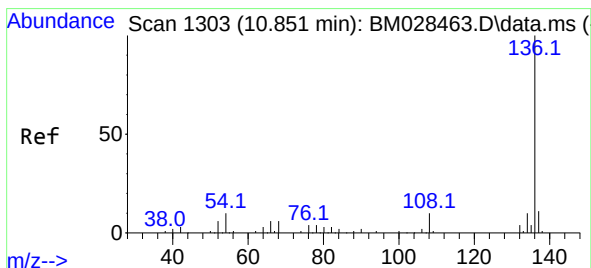
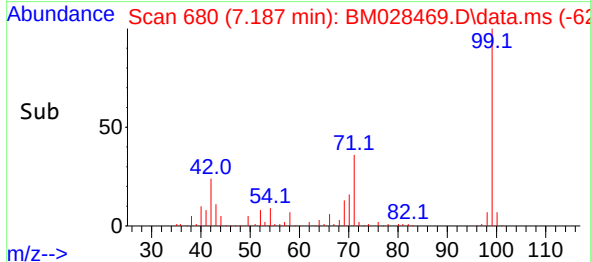
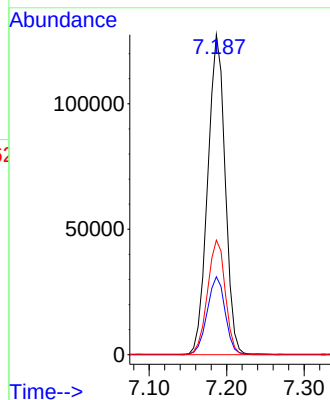
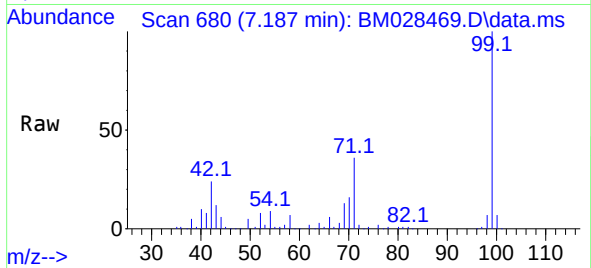




#7
Phenol-d6
Concen: 78.54 ng
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

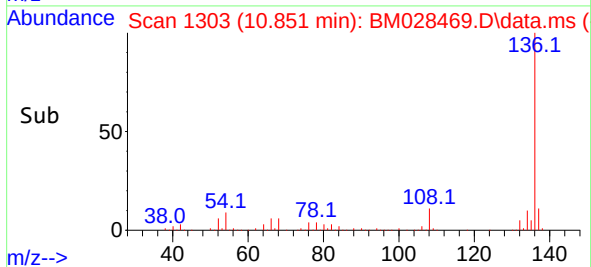
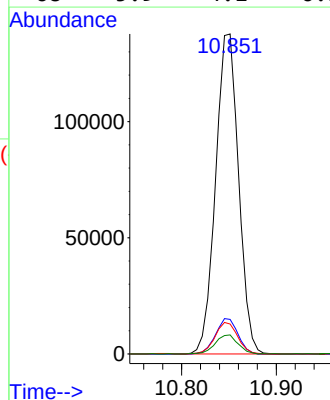
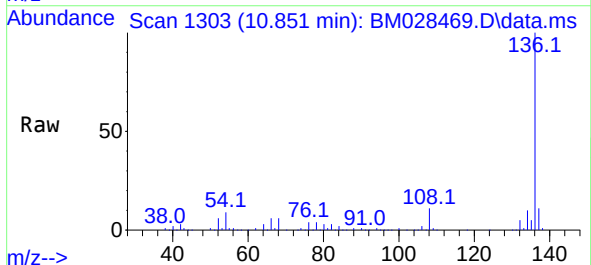
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BNA_M
ClientSampleId :
VNJ-231

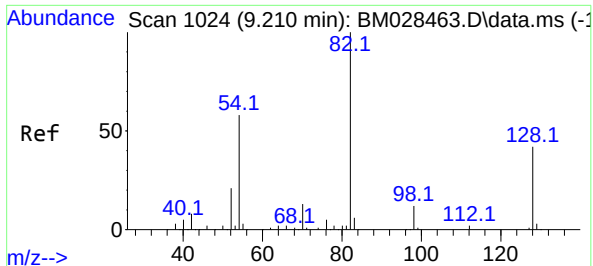
Tgt Ion: 99 Resp: 199366
Ion Ratio Lower Upper
99 100
42 24.3 13.5 20.3#
71 35.8 39.4 59.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.851 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion: 136 Resp: 232446
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.3 4.6 7.0#
68 5.9 4.1 6.1

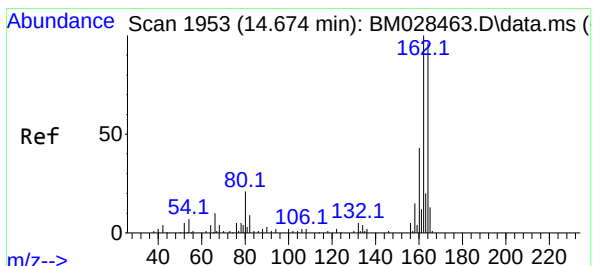
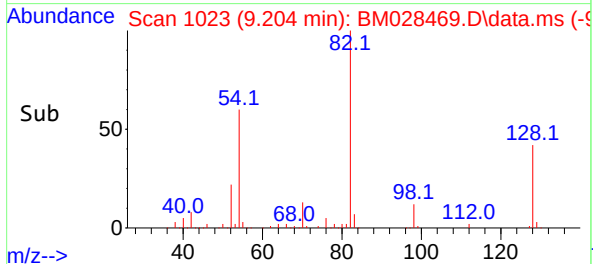
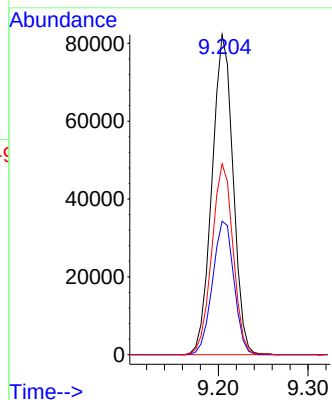
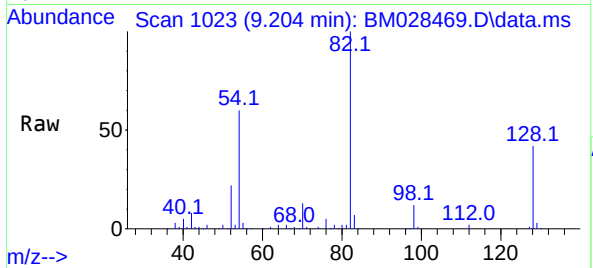




#23
Nitrobenzene-d5
Concen: 54.76 ng
RT: 9.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

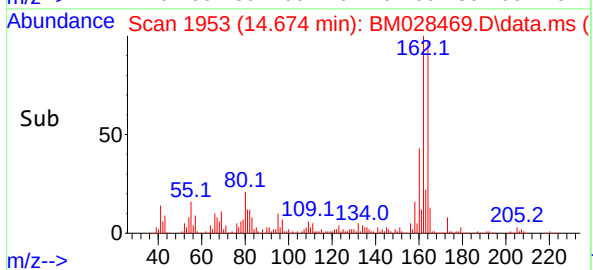
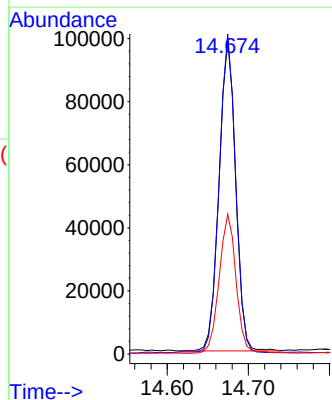
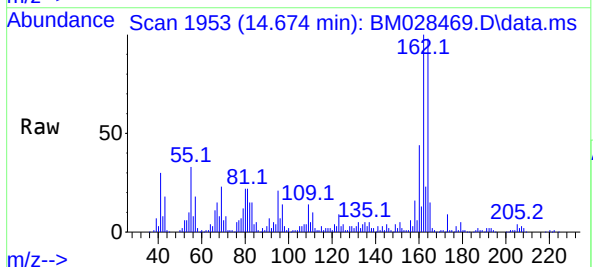
Instrument :
BNA_M
ClientSampleId :
VNJ-231

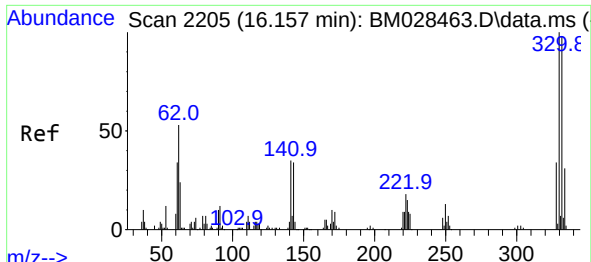
Tgt Ion: 82 Resp: 134193
Ion Ratio Lower Upper
82 100
128 41.7 27.4 41.0#
54 59.7 31.4 47.0#



#39
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion:164 Resp: 140655
Ion Ratio Lower Upper
164 100
162 102.1 80.4 120.6
160 44.6 35.9 53.9

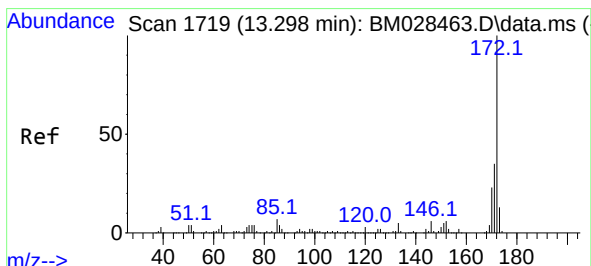
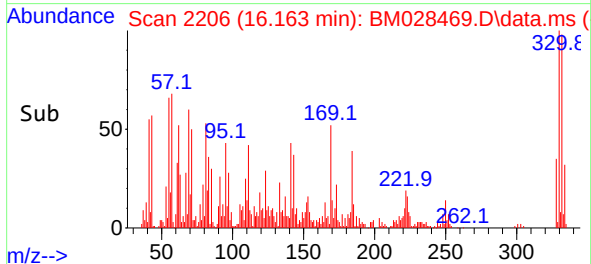
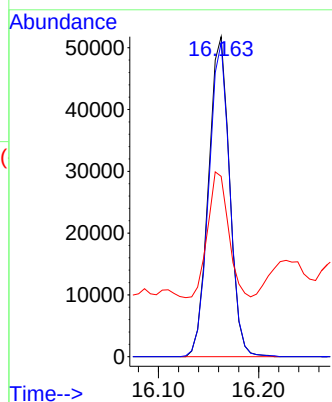
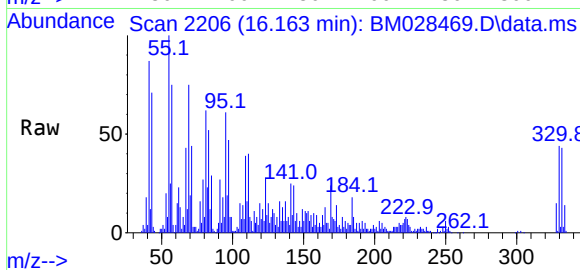




#42
2,4,6-Tribromophenol
Concen: 81.11 ng
RT: 16.163 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

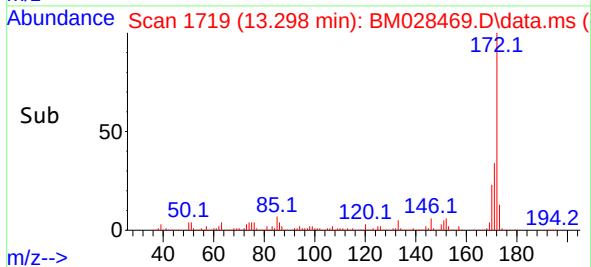
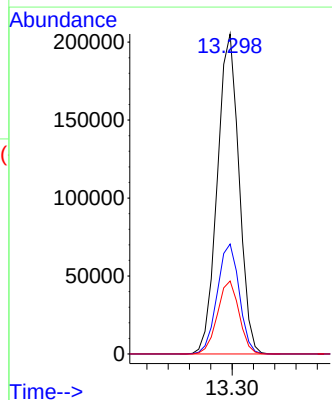
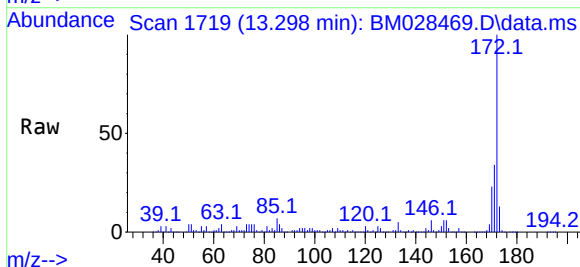
Instrument :
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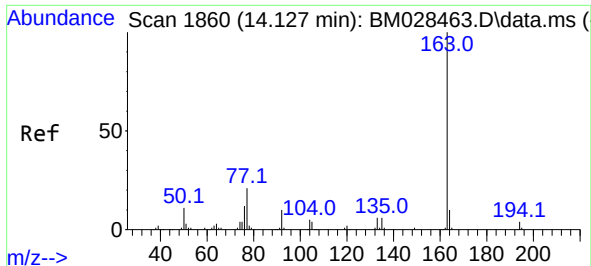
Tgt Ion:330 Resp: 75574
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 38.7 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 51.62 ng
RT: 13.298 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion:172 Resp: 289364
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.8 18.6 27.8

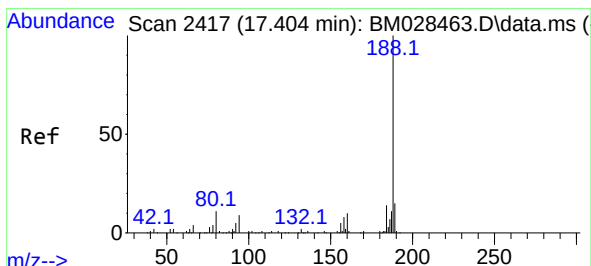
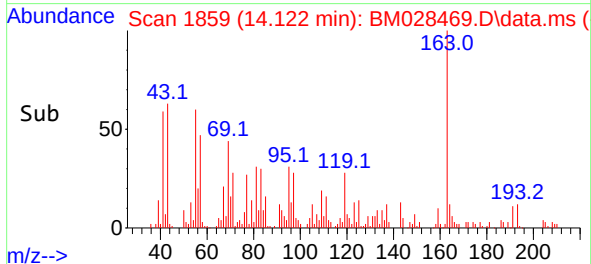
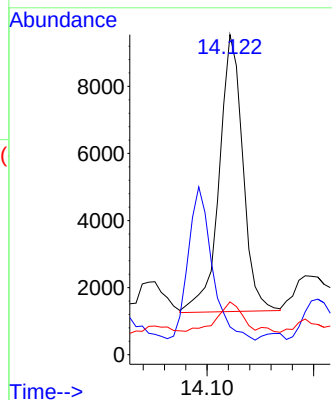
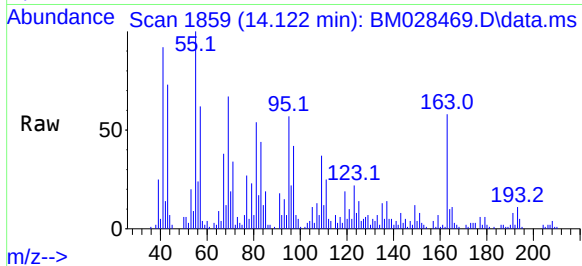




#50
Dimethylphthalate
Concen: 2.20 ng
RT: 14.122 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

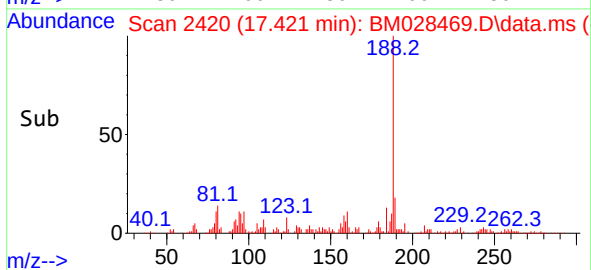
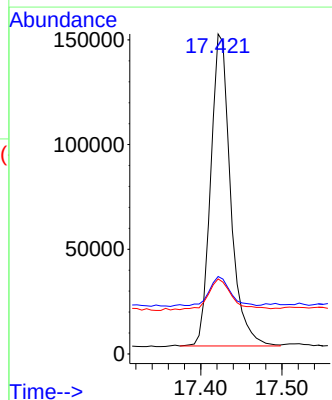
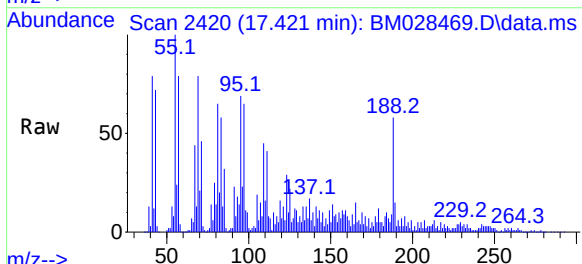
Instrument :
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ClientSampleId :
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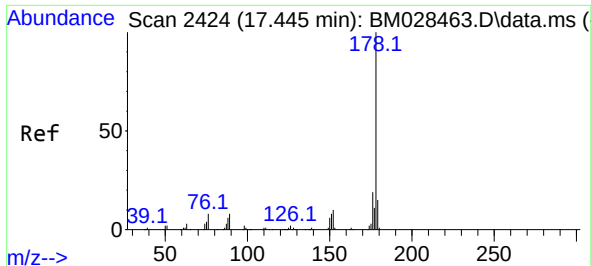
Tgt Ion:163 Resp: 12726
Ion Ratio Lower Upper
163 100
194 8.7 3.4 5.2#
164 16.5 8.1 12.1#



#64
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.421 min Scan# 2420
Delta R.T. 0.018 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion:188 Resp: 253578
Ion Ratio Lower Upper
188 100
94 24.2 6.2 9.4#
80 23.5 7.5 11.3#

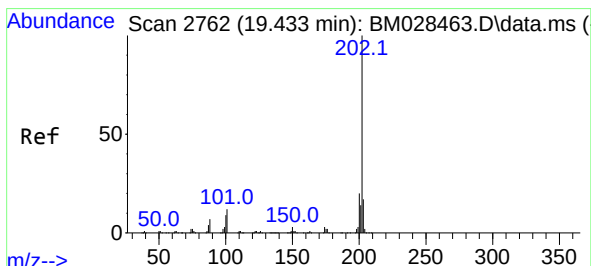
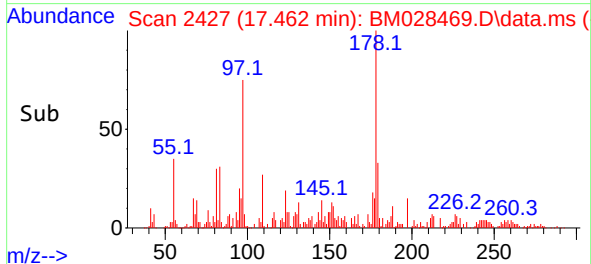
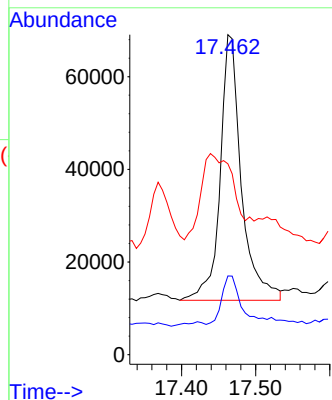
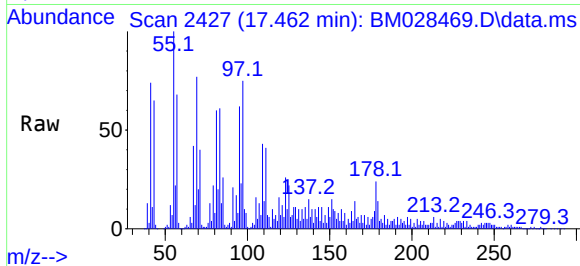




#71
Phenanthrene
Concen: 14.66 ng
RT: 17.462 min Scan# 2427
Delta R.T. 0.018 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

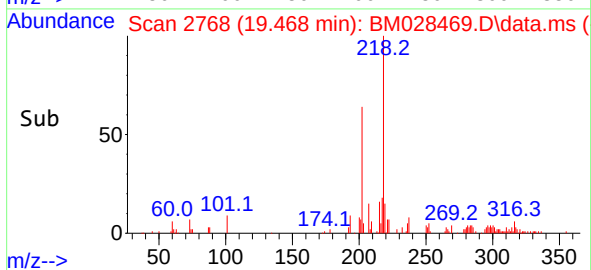
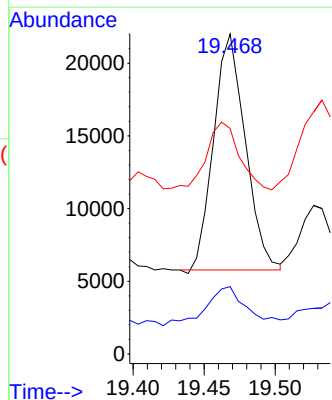
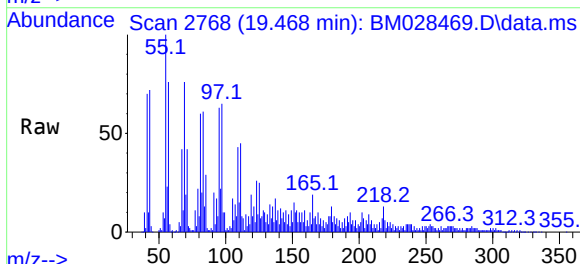
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ClientSampled :
VNJ-231

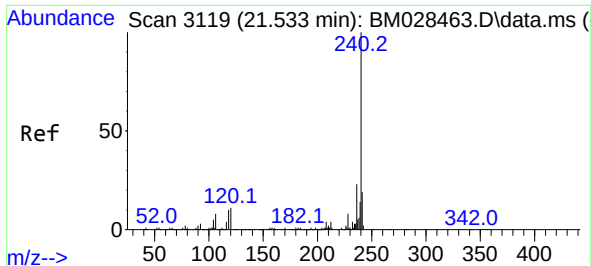
Tgt Ion:178 Resp: 114273
Ion Ratio Lower Upper
178 100
176 24.6 15.0 22.6#
179 59.7 12.2 18.4#



#75
Fluoranthene
Concen: 2.87 ng
RT: 19.468 min Scan# 2768
Delta R.T. 0.035 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion:202 Resp: 25096
Ion Ratio Lower Upper
202 100
101 21.1 0.0 28.5
203 70.5 0.0 37.3#

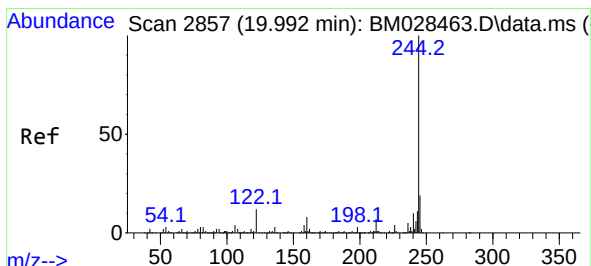
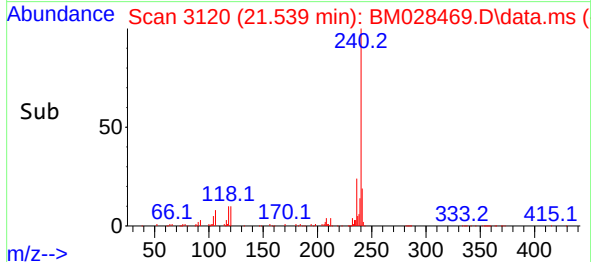
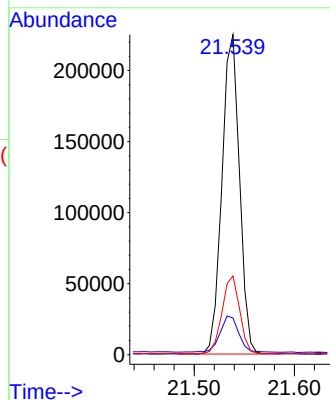
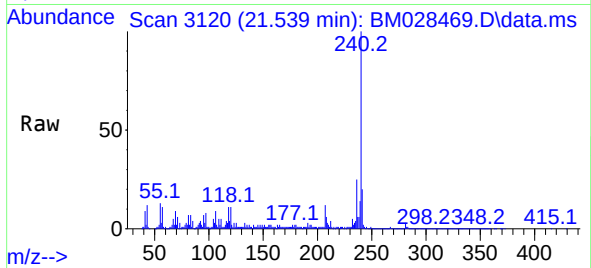




#76
Chrysene-d12
Concen: 40.00 ng
RT: 21.539 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

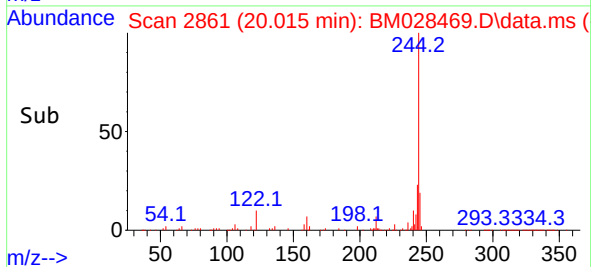
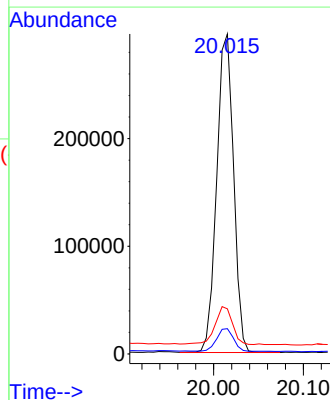
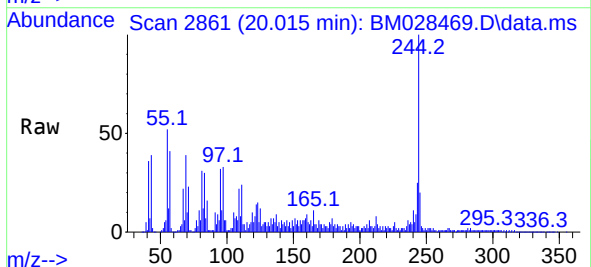
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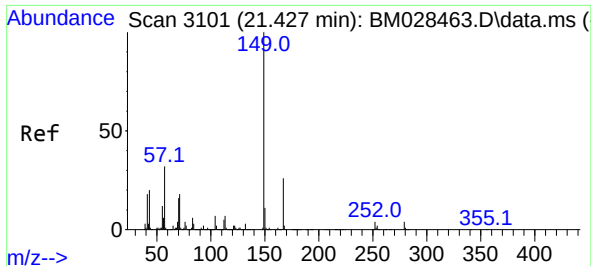
Tgt Ion:240 Resp: 272771
Ion Ratio Lower Upper
240 100
120 11.4 6.4 9.6#
236 24.6 20.1 30.1



#79
Terphenyl-d14
Concen: 51.13 ng
RT: 20.015 min Scan# 2861
Delta R.T. 0.024 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion:244 Resp: 386192
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 14.1 6.5 9.7#

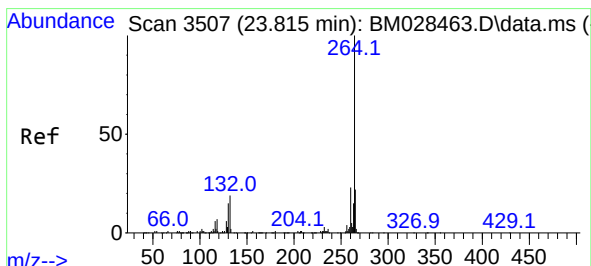
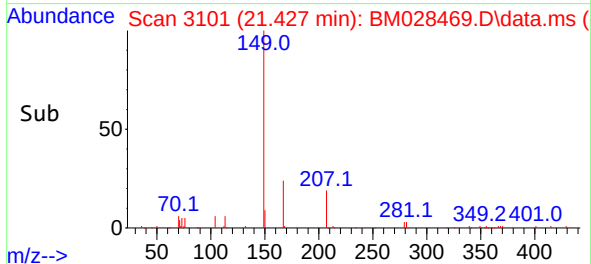
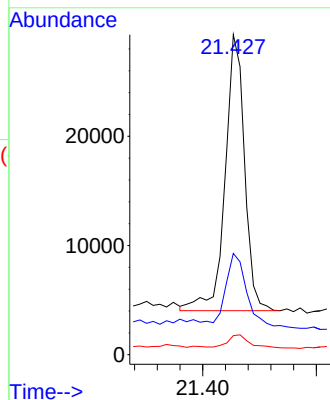
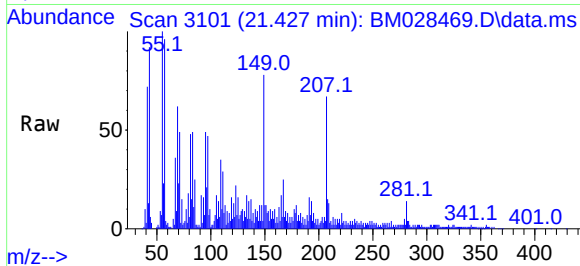




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.92 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Instrument :
BNA_M
ClientSampleId :
VNJ-231

Tgt Ion:	149	Resp:	29989
Ion Ratio	Lower	Upper	
149	100		
167	31.6	22.7	34.1
279	5.9	4.0	6.0



#86
Perylene-d12
Concen: 40.00 ng
RT: 23.815 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BM028469.D
Acq: 20 Jan 2021 15:53

Tgt Ion:	264	Resp:	266170
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.0	28.4
265	21.8	17.7	26.5

