

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028498.D
 Acq On : 21 Jan 2021 21:07
 Operator : CG/JU
 Sample : M1179-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HS-TP1

Quant Time: Jan 21 23:35:23 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	8.016	152	29272	20.00	ng	-0.02
21) Naphthalene-d8	10.833	136	114518	20.00	ng	#-0.02
39) Acenaphthene-d10	14.657	164	63825	20.00	ng	-0.02
64) Phenanthrene-d10	17.386	188	128706	20.00	ng	#-0.02
76) Chrysene-d12	21.515	240	126700	20.00	ng	#-0.02
86) Perylene-d12	23.797	264	126673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	167666	90.48	ng	-0.01
7) Phenol-d6	7.175	99	214387	84.97	ng	-0.01
23) Nitrobenzene-d5	9.192	82	135247	56.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.139	330	72636	85.89	ng	-0.02
45) 2-Fluorobiphenyl	13.286	172	281127	55.26	ng	-0.01
79) Terphenyl-d14	19.980	244	360731	51.41	ng	-0.01

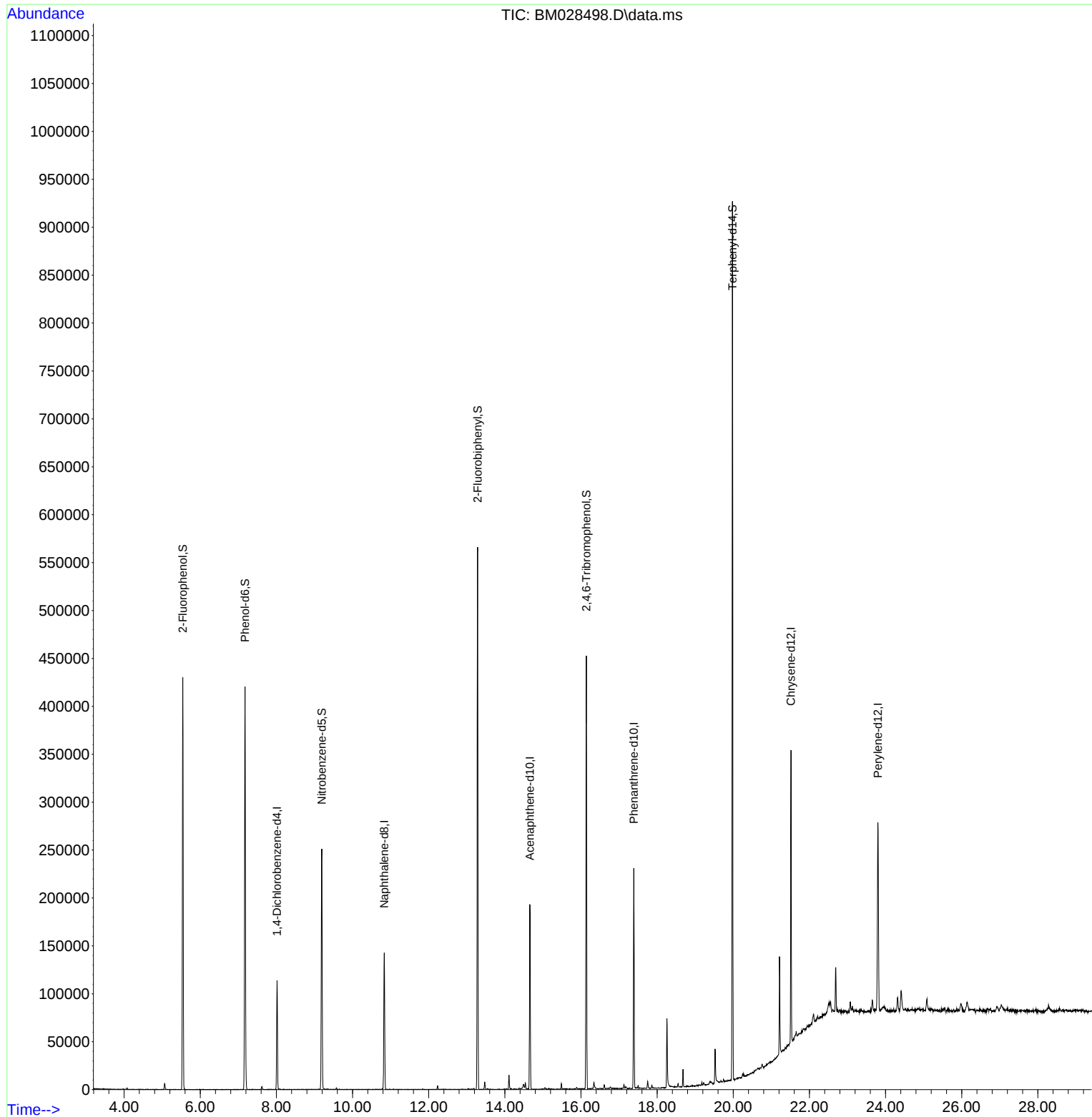
Target Compounds	Qvalue

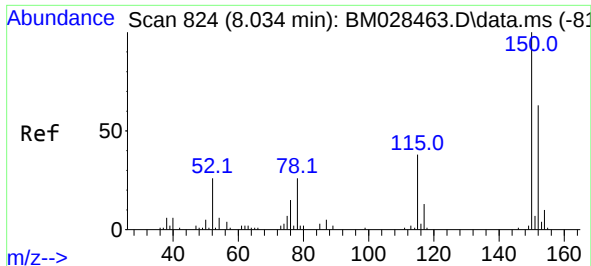
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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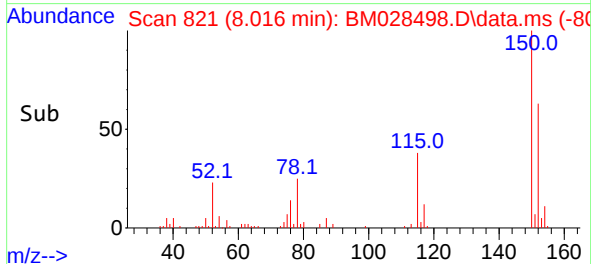
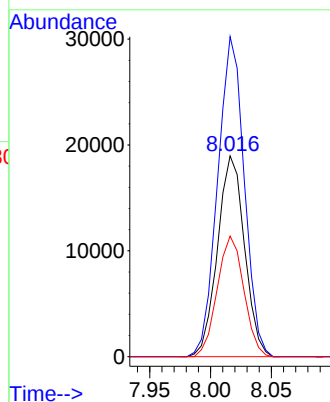
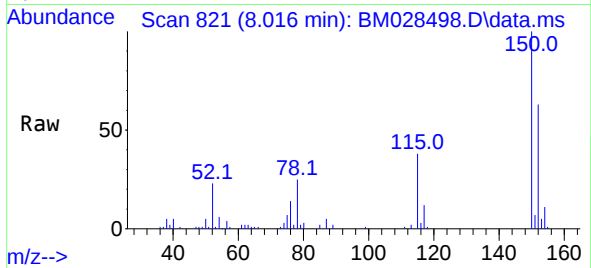




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 821
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

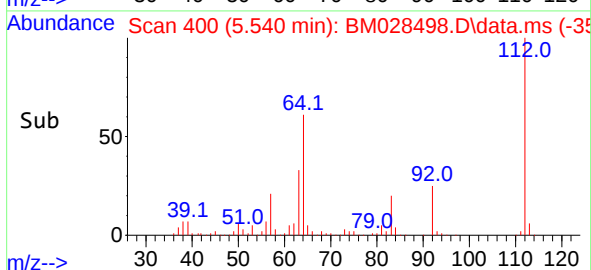
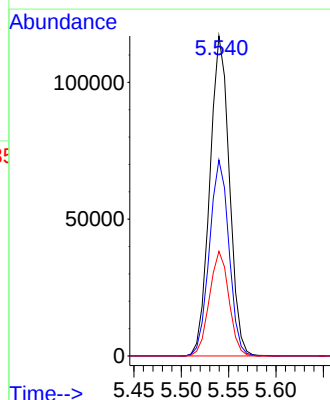
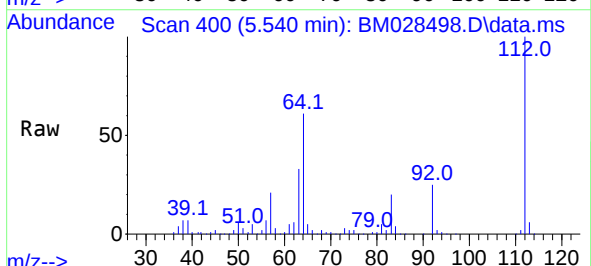
Instrument :
BNA_M
ClientSampled :
HS-TP1

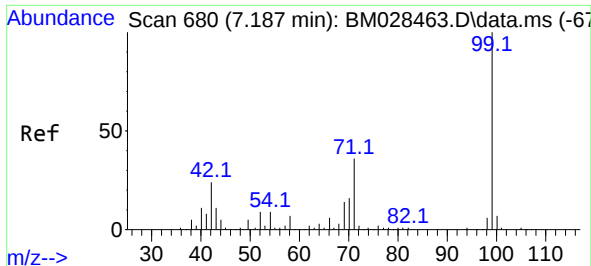
Tgt Ion:152 Resp: 29272
Ion Ratio Lower Upper
152 100
150 159.4 120.6 181.0
115 60.1 47.2 70.8



#5
2-Fluorophenol
Concen: 90.48 ng
RT: 5.540 min Scan# 400
Delta R.T. -0.012 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

Tgt Ion:112 Resp: 167666
Ion Ratio Lower Upper
112 100
64 61.2 50.6 76.0
63 32.7 31.0 46.6

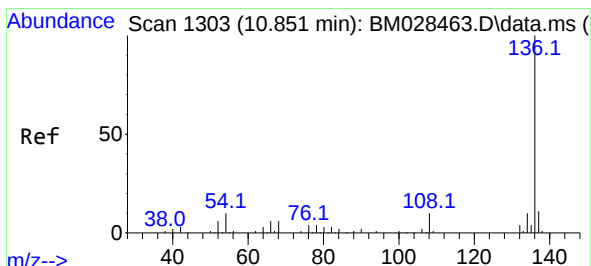
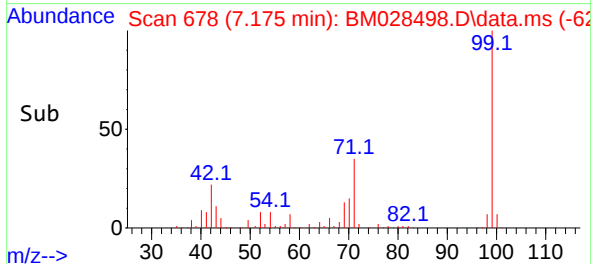
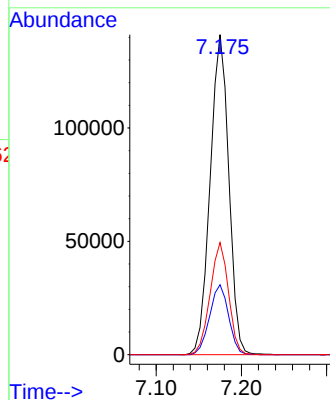
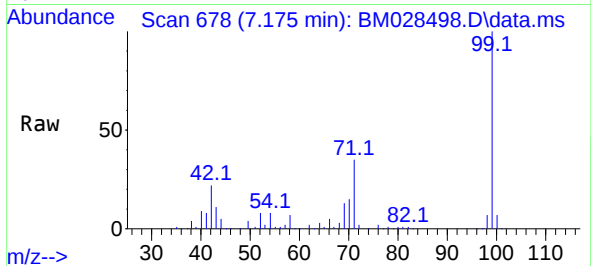




#7
Phenol-d6
Concen: 84.97 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.012 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

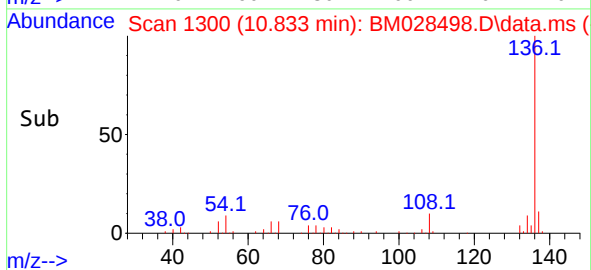
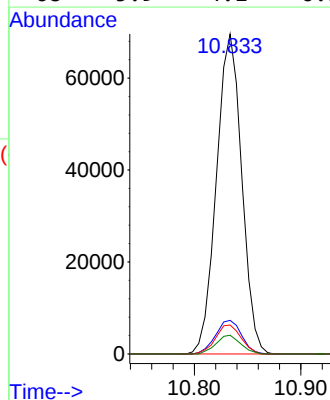
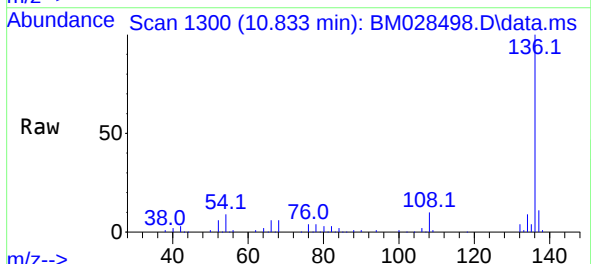
Instrument :
BNA_M
ClientSampled :
HS-TP1

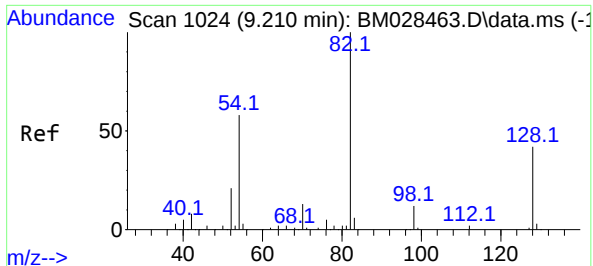
Tgt Ion: 99 Resp: 214387
Ion Ratio Lower Upper
99 100
42 21.9 13.5 20.3#
71 35.1 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.833 min Scan# 1300
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

Tgt Ion: 136 Resp: 114518
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.1 4.6 7.0#
68 5.9 4.1 6.1

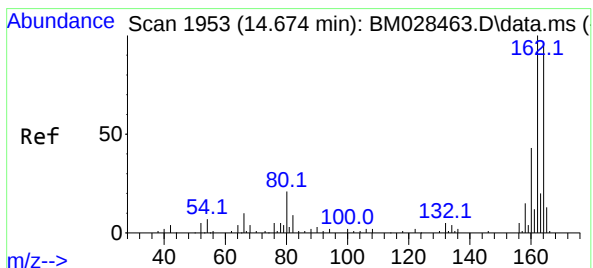
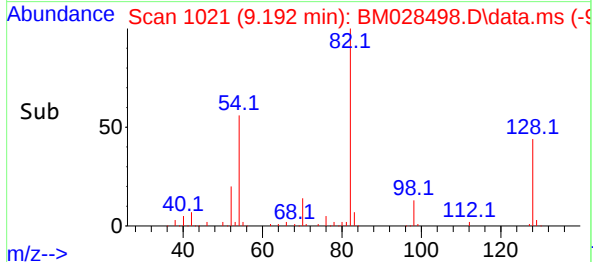
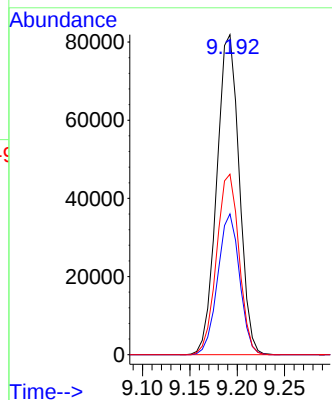
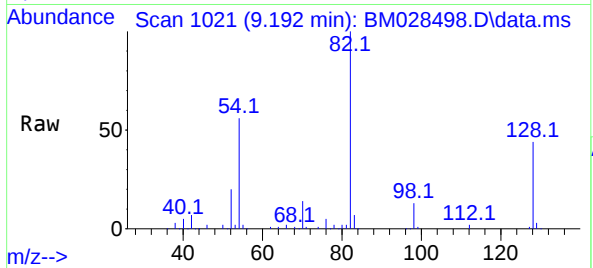




#23
Nitrobenzene-d5
Concen: 56.01 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

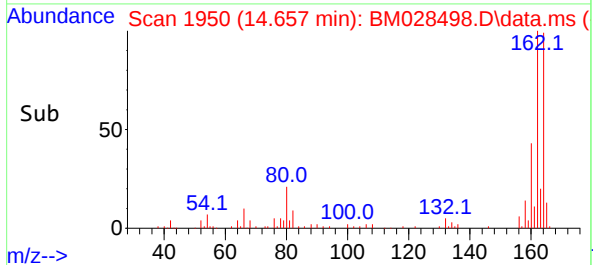
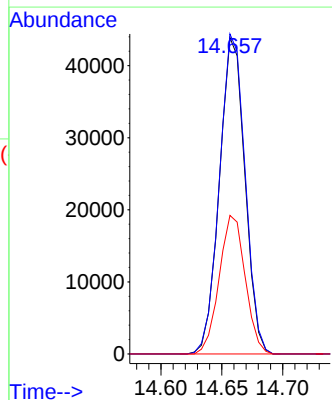
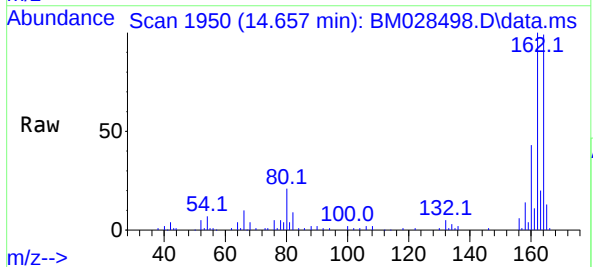
Instrument :
BNA_M
ClientSampled :
HS-TP1

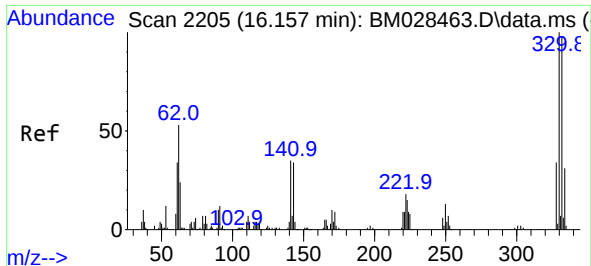
Tgt Ion: 82 Resp: 135247
Ion Ratio Lower Upper
82 100
128 44.0 27.4 41.0#
54 56.4 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

Tgt Ion:164 Resp: 63825
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 43.8 35.9 53.9

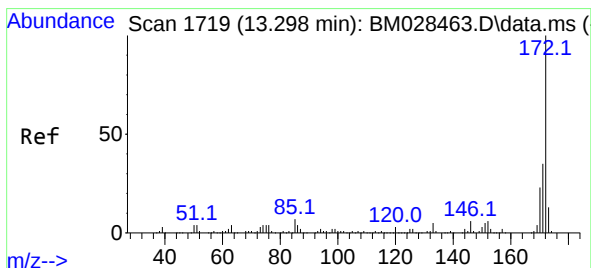
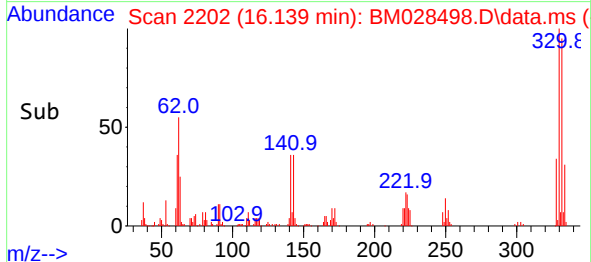
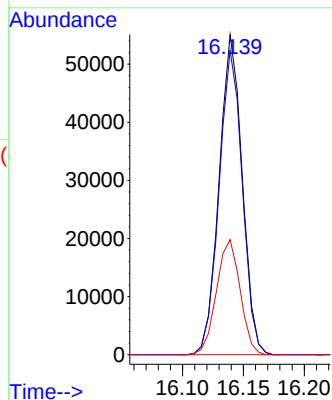
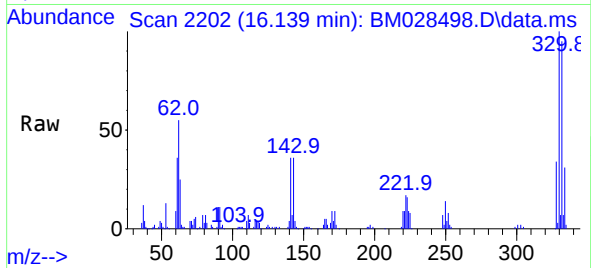




#42
2,4,6-Tribromophenol
Concen: 85.89 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

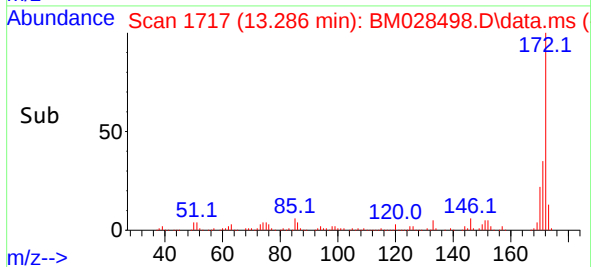
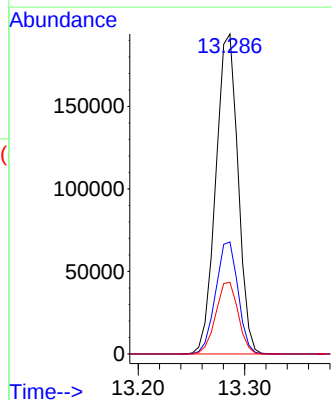
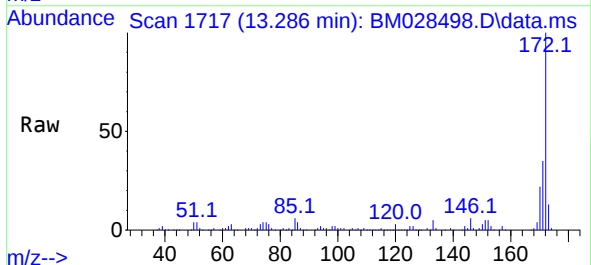
Instrument :
BNA_M
ClientSampled :
HS-TP1

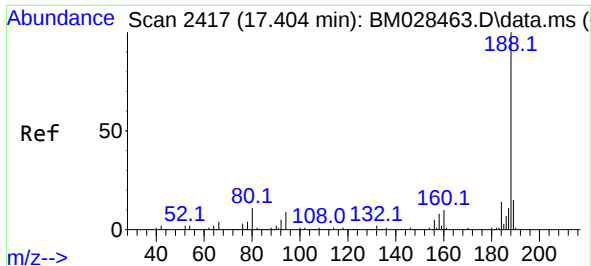
Tgt Ion:330 Resp: 72636
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 36.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 55.26 ng
RT: 13.286 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

Tgt Ion:172 Resp: 281127
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.4 18.6 27.8

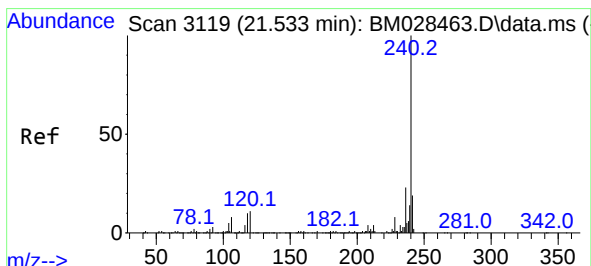
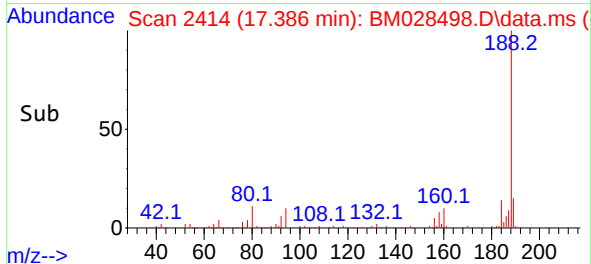
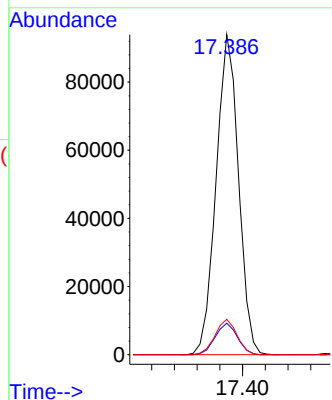
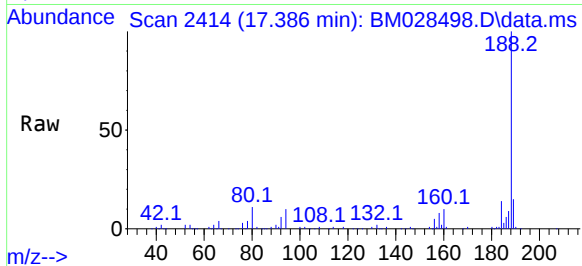




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

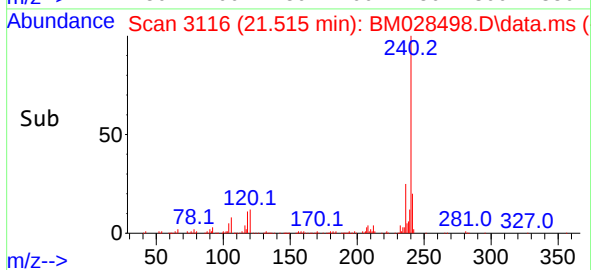
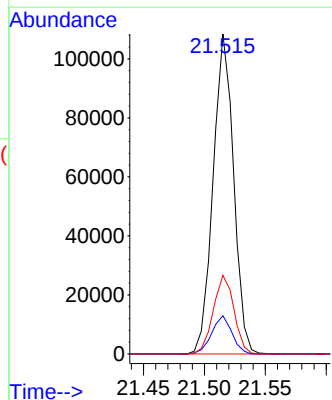
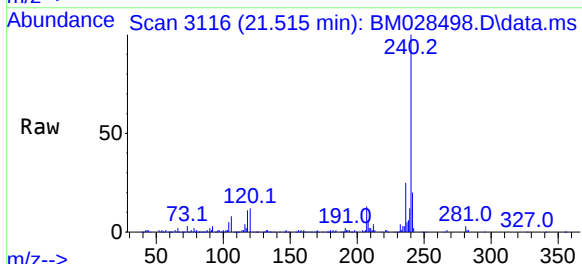
Instrument :
BNA_M
ClientSampled :
HS-TP1

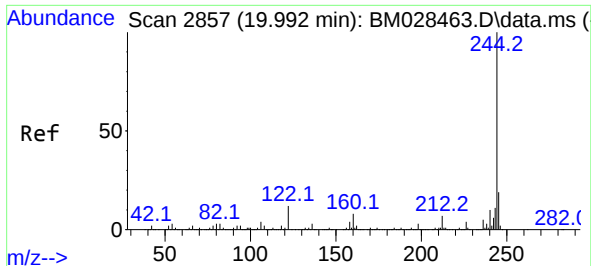
Tgt Ion:188 Resp: 128706
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.4#
80 11.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

Tgt Ion:240 Resp: 126700
Ion Ratio Lower Upper
240 100
120 11.9 6.4 9.6#
236 24.6 20.1 30.1

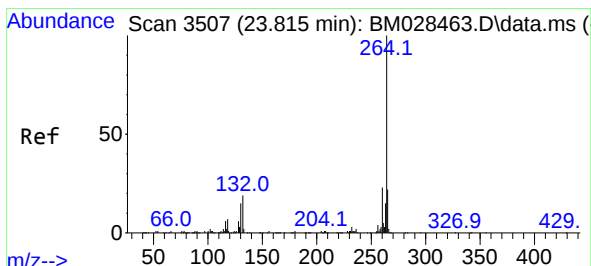
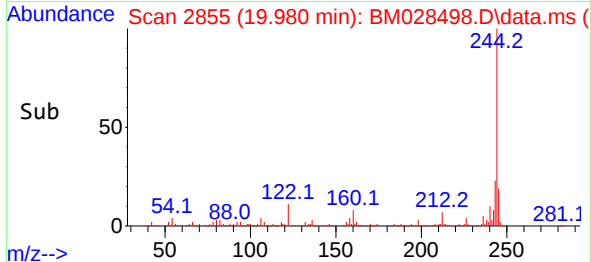
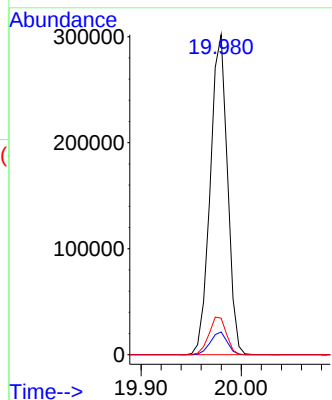
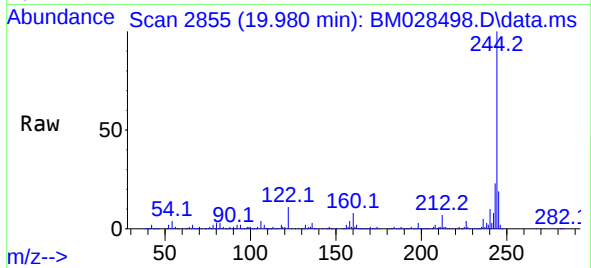




#79
Terphenyl-d14
Concen: 51.41 ng
RT: 19.980 min Scan# 2855
Delta R.T. -0.012 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

Instrument :
BNA_M
ClientSampled :
HS-TP1

Tgt Ion:244 Resp: 360731
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.4 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.018 min
Lab File: BM028498.D
Acq: 21 Jan 2021 21:07

Tgt Ion:264 Resp: 126673
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.7 17.7 26.5

