

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
 Data File : BM032489.D
 Acq On : 13 Oct 2021 10:59
 Operator : CG/JU
 Sample : M4170-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 13 12:05:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 12:02:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	217442	20.00	ng	0.00
21) Naphthalene-d8	10.389	136	829921	20.00	ng	# 0.00
39) Acenaphthene-d10	14.248	164	467460	20.00	ng	0.00
64) Phenanthrene-d10	16.977	188	903028	20.00	ng	# 0.00
76) Chrysene-d12	21.142	240	829525	20.00	ng	# 0.00
86) Perylene-d12	23.289	264	866503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.178	112	773824	59.96	ng	0.00
7) Phenol-d6	6.790	99	566737	32.11	ng	-0.01
23) Nitrobenzene-d5	8.754	82	1429824	95.82	ng	0.00
42) 2,4,6-Tribromophenol	15.736	330	639022	122.11	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	2927400	93.11	ng	0.00
79) Terphenyl-d14	19.595	244	3444116	87.44	ng	0.00

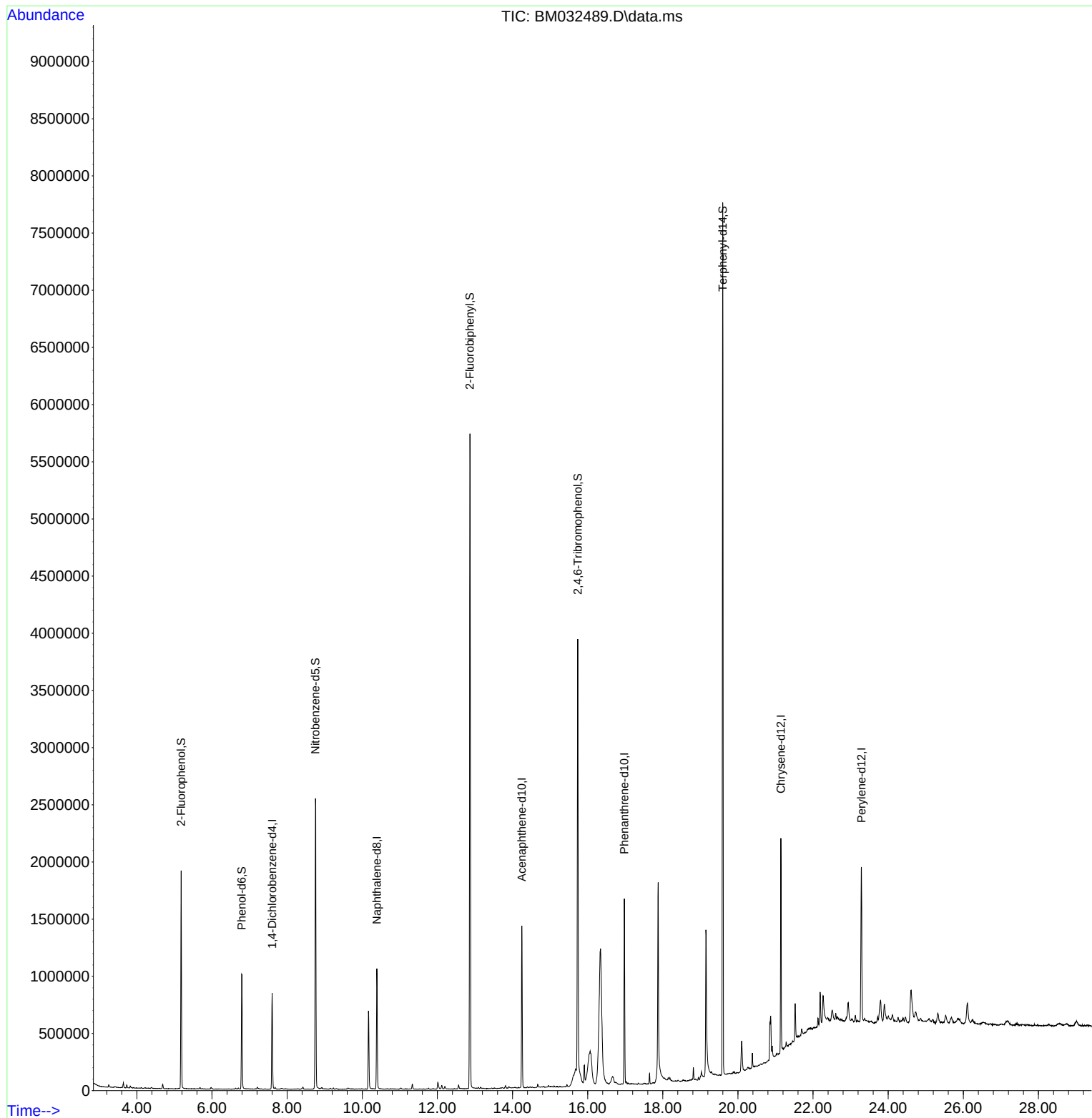
Target Compounds	Qvalue

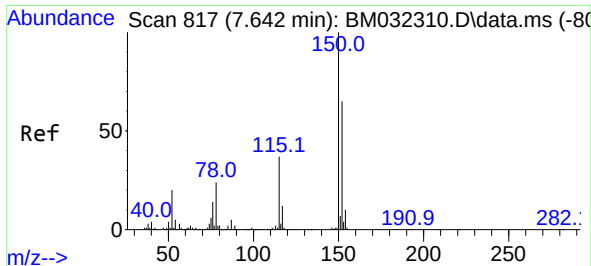
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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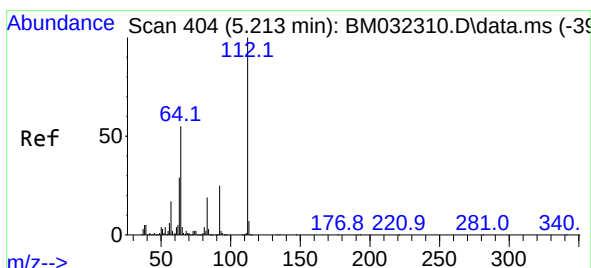
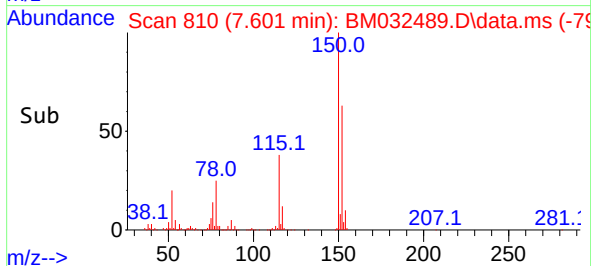
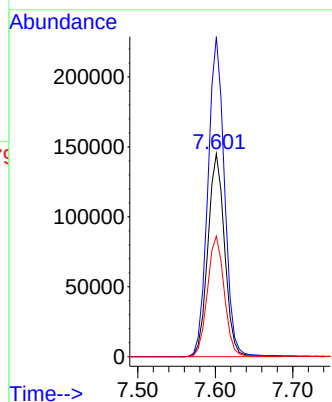
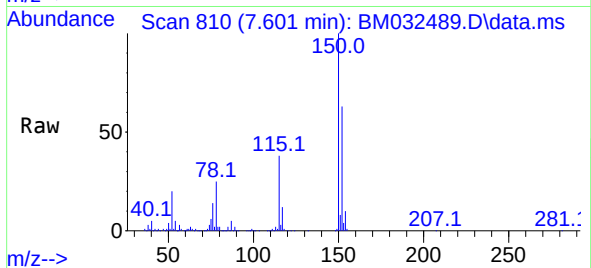




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

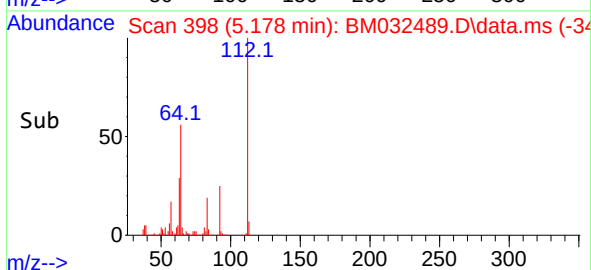
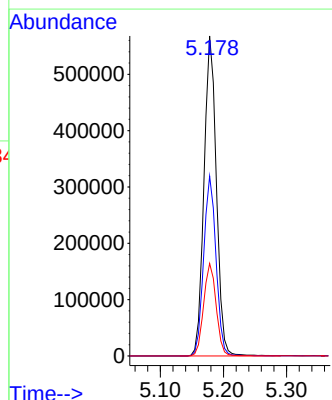
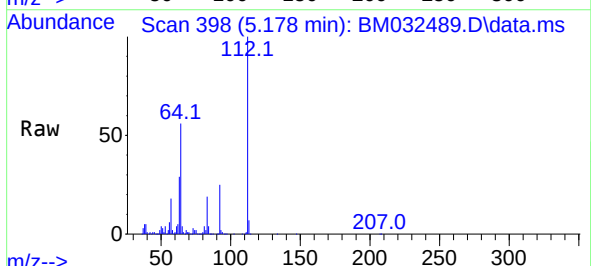
Instrument :
BNA_M
ClientSampleId :
P287-DITCH

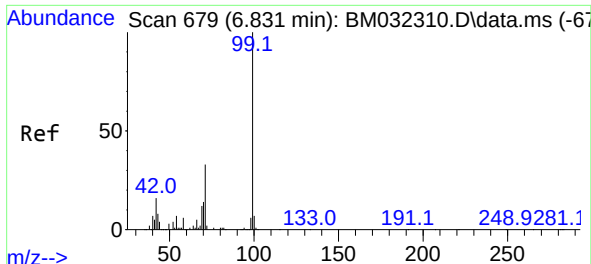
Tgt Ion:152 Resp: 217442
Ion Ratio Lower Upper
152 100
150 157.7 122.4 183.6
115 59.5 53.8 80.8



#5
2-Fluorophenol
Concen: 59.96 ng
RT: 5.178 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Tgt Ion:112 Resp: 773824
Ion Ratio Lower Upper
112 100
64 56.2 53.7 80.5
63 28.9 33.9 50.9#

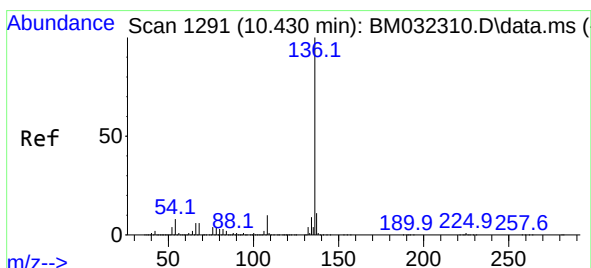
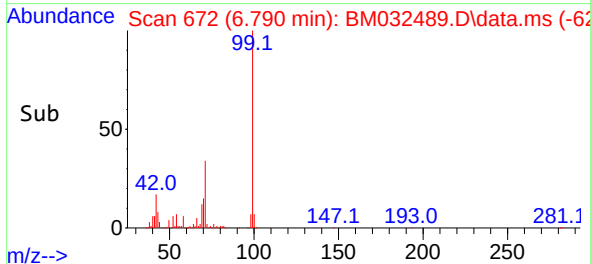
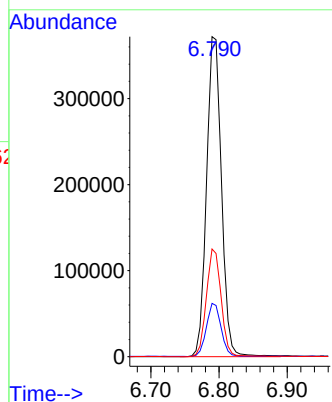
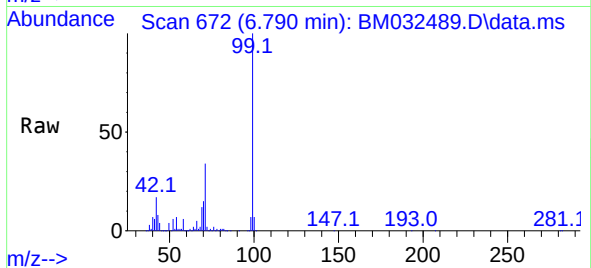




#7
Phenol-d6
Concen: 32.11 ng
RT: 6.790 min Scan# 672
Delta R.T. -0.012 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

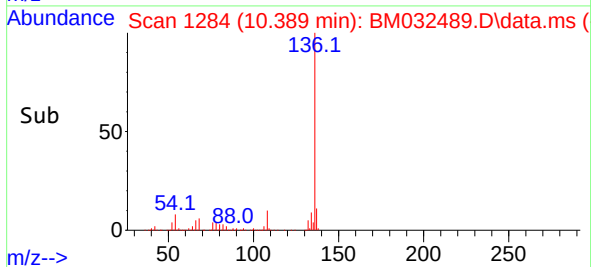
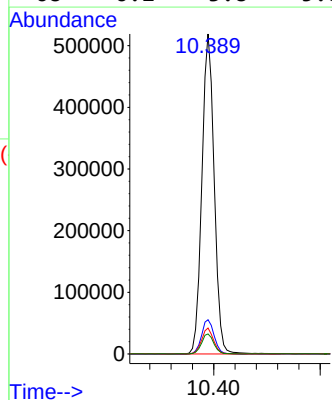
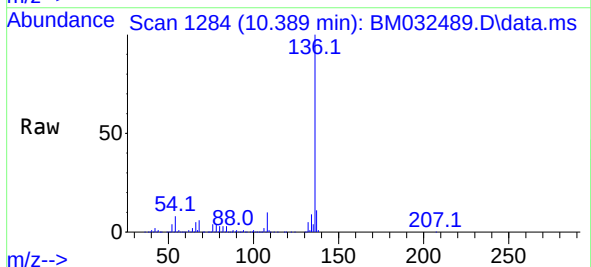
Instrument :
BNA_M
ClientSampleId :
P287-DITCH

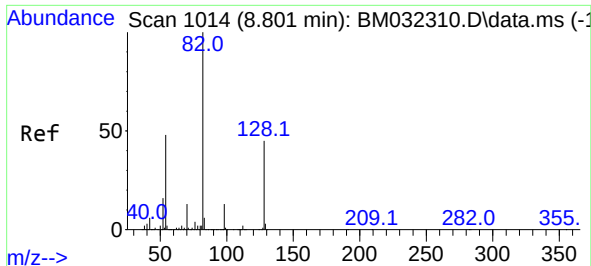
Tgt Ion: 99 Resp: 566737
Ion Ratio Lower Upper
99 100
42 16.6 23.0 34.6#
71 33.7 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.389 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Tgt Ion: 136 Resp: 829921
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.1 7.4 11.0
68 6.2 3.8 5.8#

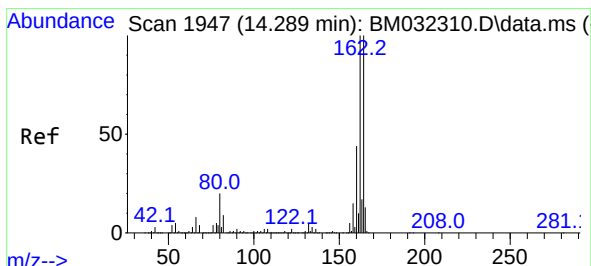
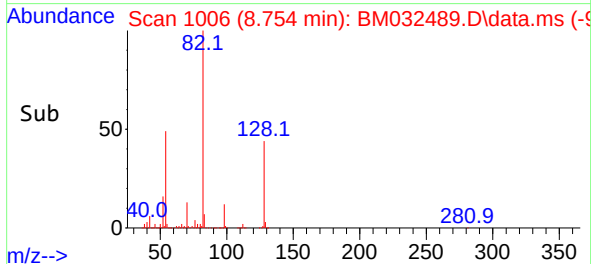
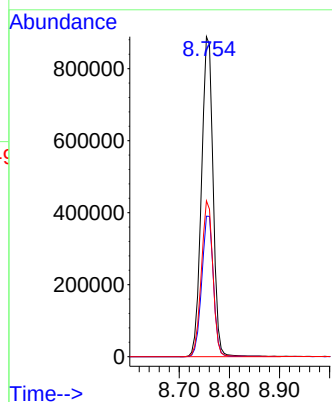
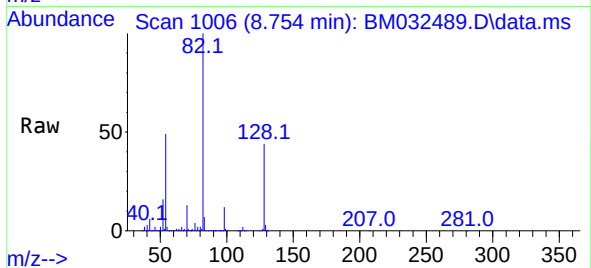




#23
Nitrobenzene-d5
Concen: 95.82 ng
RT: 8.754 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

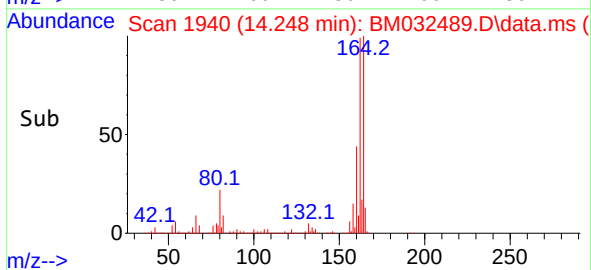
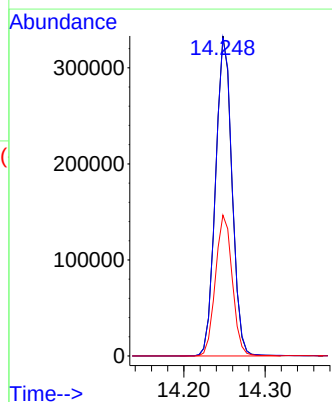
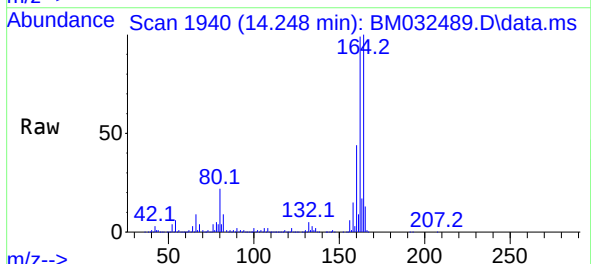
Instrument :
BNA_M
ClientSampleId :
P287-DITCH

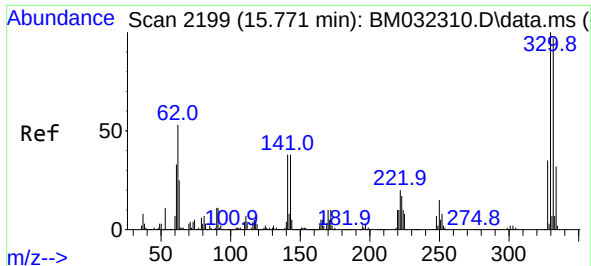
Tgt Ion: 82 Resp: 1429824
Ion Ratio Lower Upper
82 100
128 43.9 29.0 43.6#
54 48.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Tgt Ion:164 Resp: 467460
Ion Ratio Lower Upper
164 100
162 99.3 80.6 121.0
160 44.0 35.1 52.7

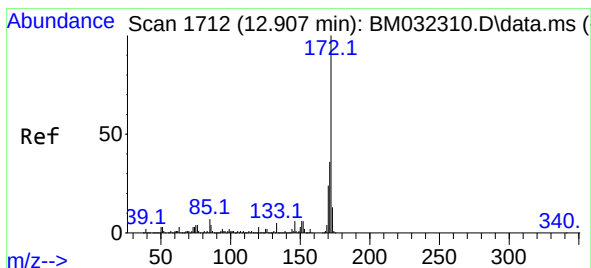
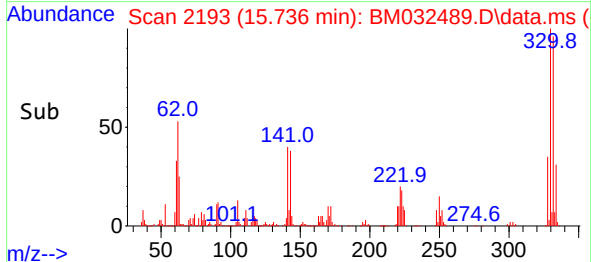
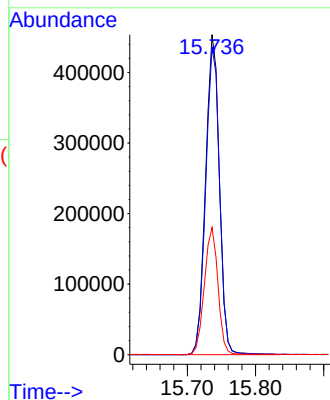
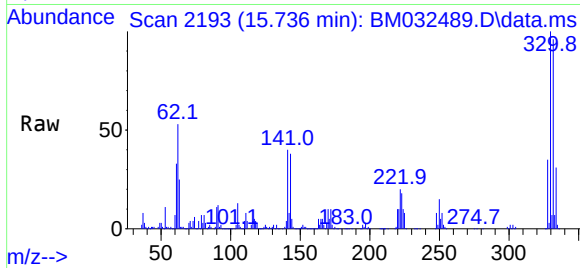




#42
2,4,6-Tribromophenol
Concen: 122.11 ng
RT: 15.736 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

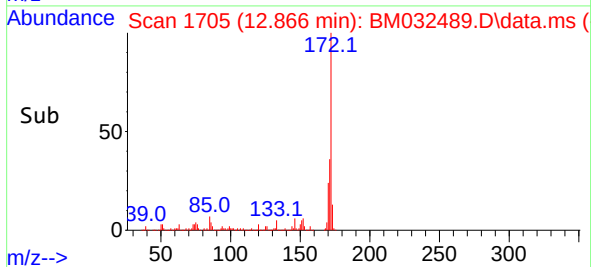
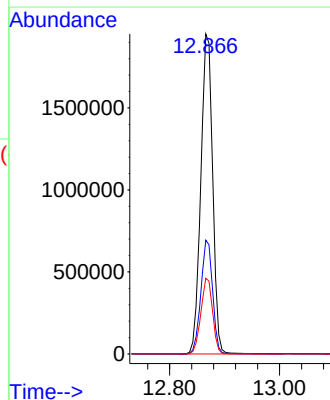
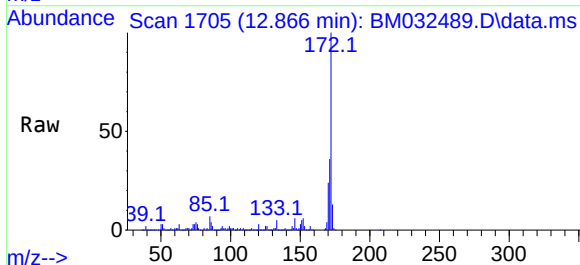
Instrument :
BNA_M
ClientSampleId :
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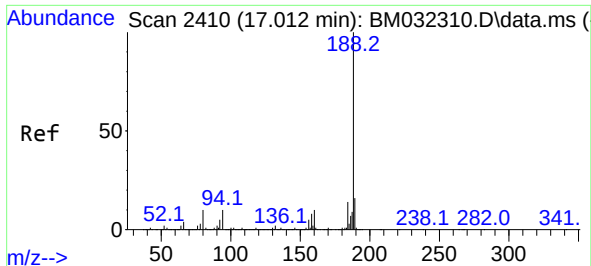
Tgt Ion:330 Resp: 639022
Ion Ratio Lower Upper
330 100
332 96.9 75.7 113.5
141 39.1 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 93.11 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Tgt Ion:172 Resp: 2927400
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.7 18.6 27.8

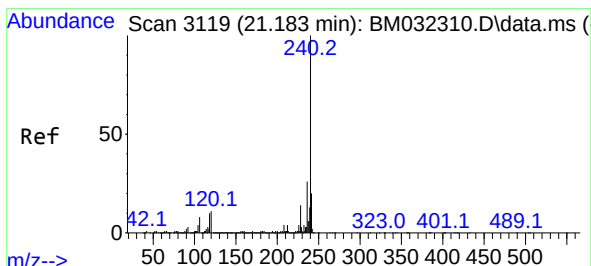
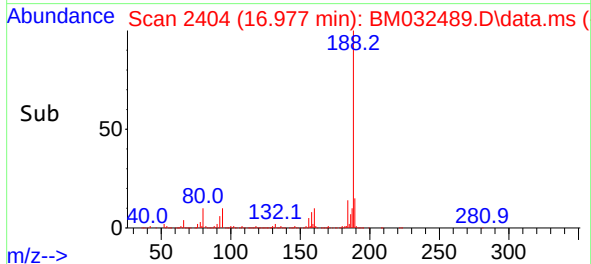
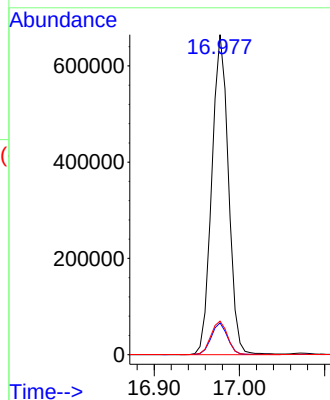
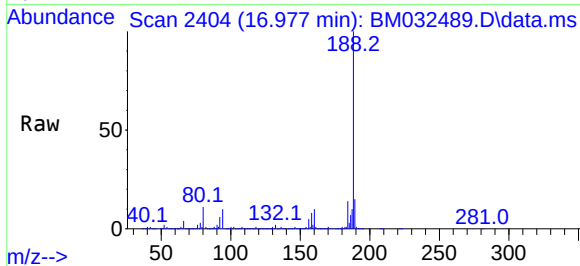




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

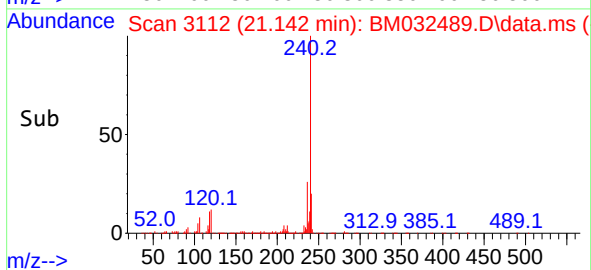
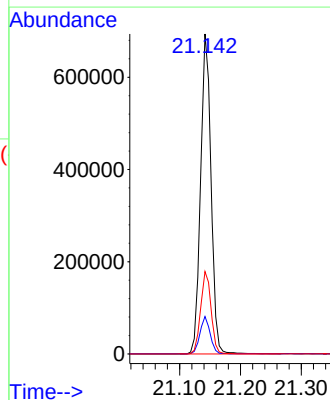
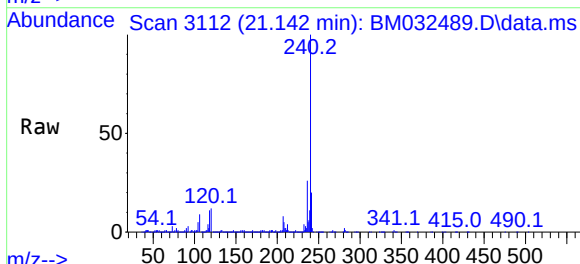
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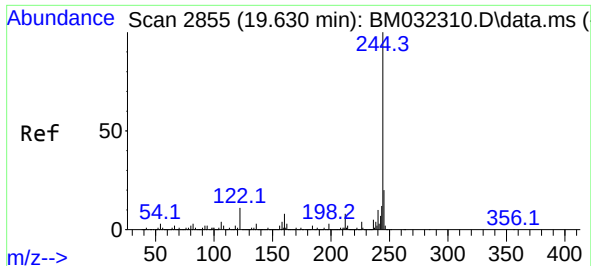
Tgt Ion:188 Resp: 903028
Ion Ratio Lower Upper
188 100
94 9.9 6.3 9.5#
80 10.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.142 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Tgt Ion:240 Resp: 829525
Ion Ratio Lower Upper
240 100
120 11.7 7.8 11.6#
236 25.7 20.9 31.3

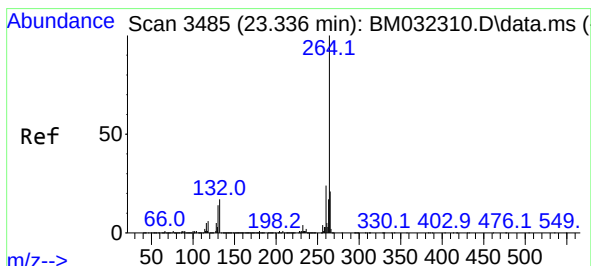
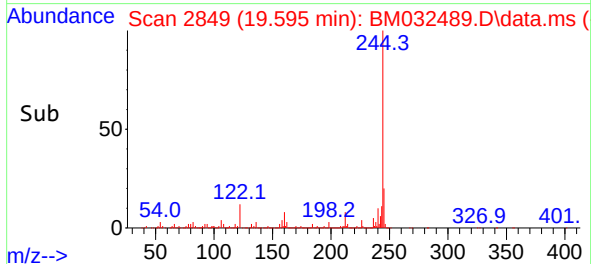
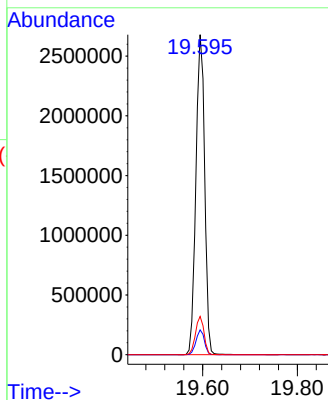
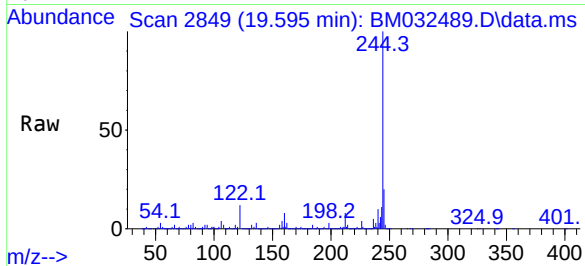




#79
Terphenyl-d14
Concen: 87.44 ng
RT: 19.595 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Instrument :
BNA_M
ClientSampleId :
P287-DITCH

Tgt Ion:244 Resp: 3444116
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 12.0 8.7 13.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.289 min Scan# 3477
Delta R.T. -0.000 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Tgt Ion:264 Resp: 866503
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.5 18.3 27.5

