

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)

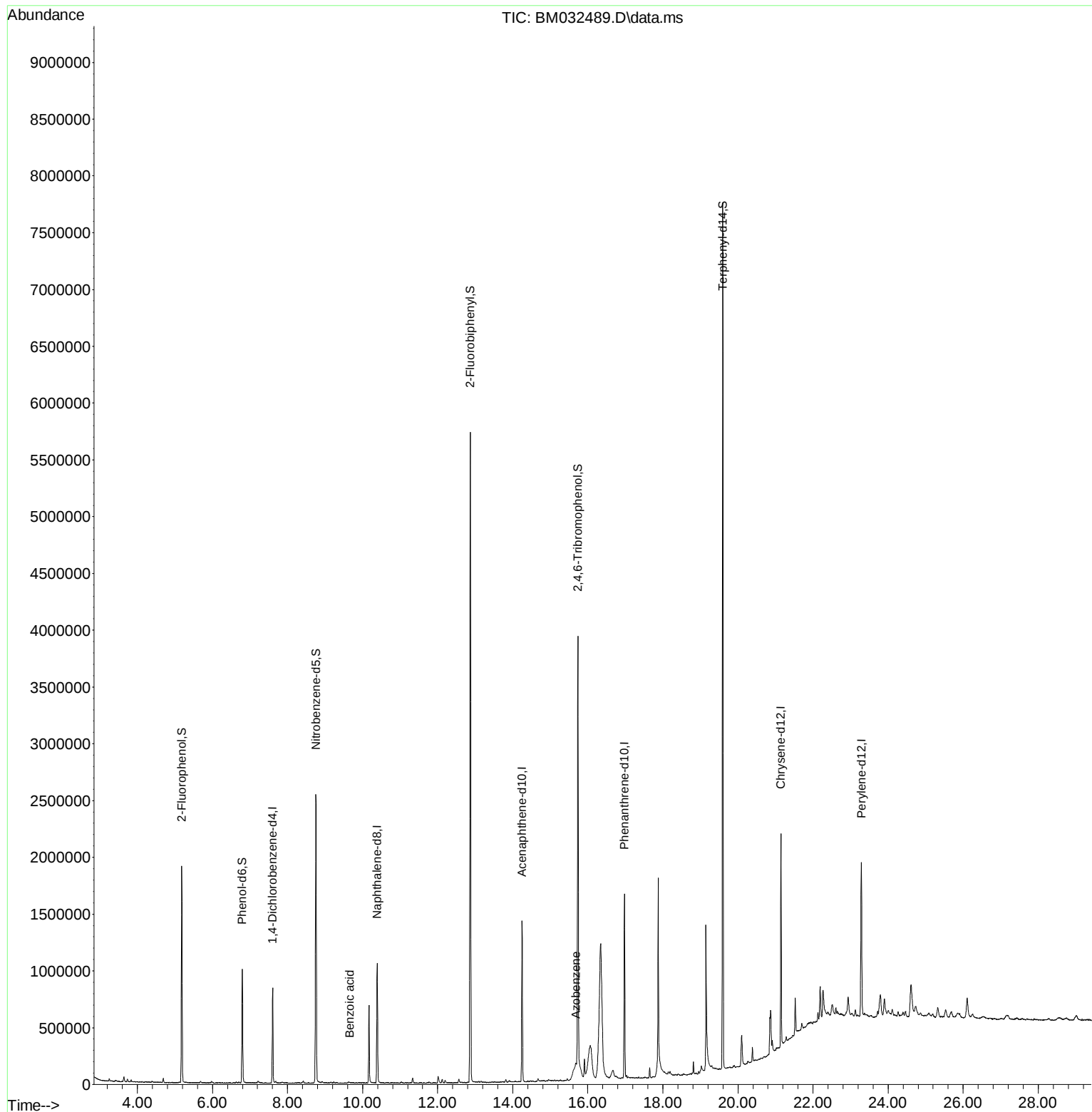
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	217442	20.000	ng	0.00
21) Naphthalene-d8	10.389	136	829921	20.000	ng	# 0.00
39) Acenaphthene-d10	14.248	164	467460	20.000	ng	0.00
64) Phenanthrene-d10	16.977	188	903028	20.000	ng	# 0.00
76) Chrysene-d12	21.142	240	829525	20.000	ng	# 0.00
86) Perylene-d12	23.289	264	866503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.178	112	773824	59.962	ng	0.00
7) Phenol-d6	6.790	99	566737	32.113	ng	-0.01
23) Nitrobenzene-d5	8.754	82	1429824	95.821	ng	0.00
42) 2,4,6-Tribromophenol	15.736	330	639022	122.109	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	2927400	93.111	ng	0.00
79) Terphenyl-d14	19.595	244	3444116	87.441	ng	0.00
Target Compounds						
32) Benzoic acid	9.654	122	1226	4.950	ng	Qvalue 93
63) Azobenzene	15.689	77	83816	2.717	ng	# 1

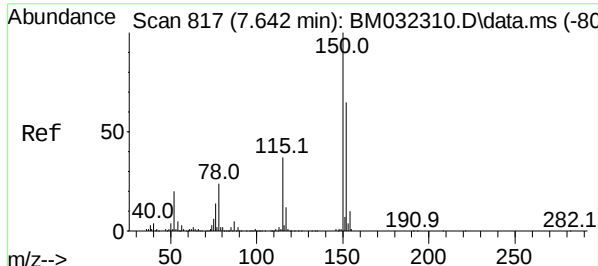
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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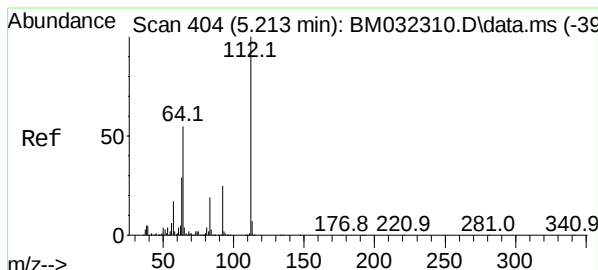
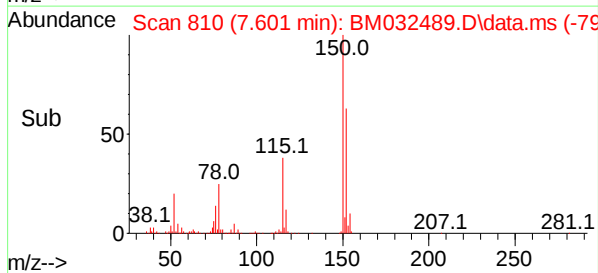
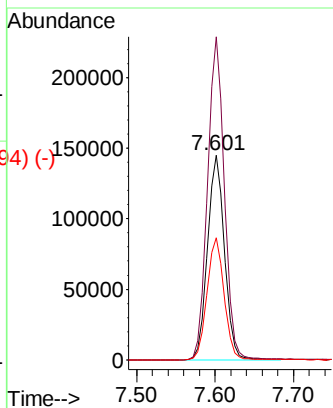
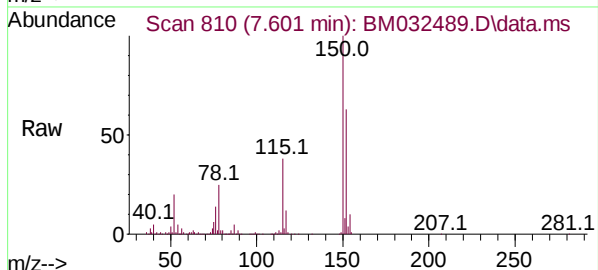




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.601 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

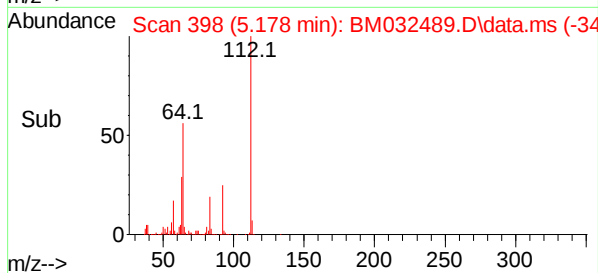
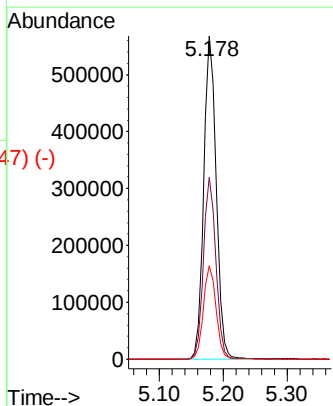
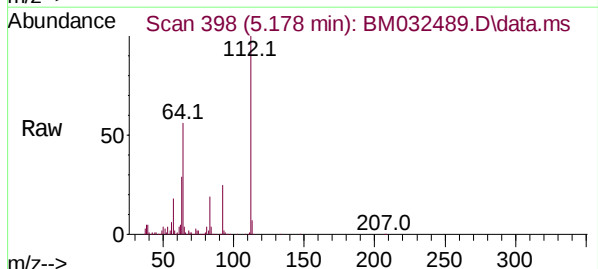
Instrument :
 BNA_M
 ClientSampleID :
 P287-DITCH

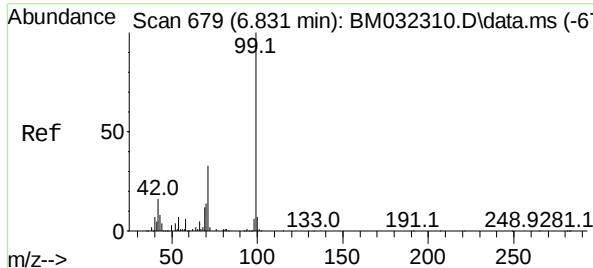
Tgt Ion:	152	Resp:	217442
Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.4	183.6
115	59.5	53.8	80.8



2-Fluorophenol
 Concen: 59.962 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#

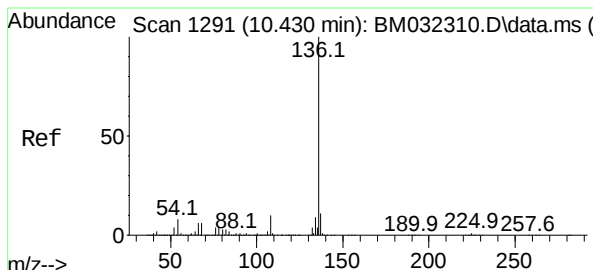
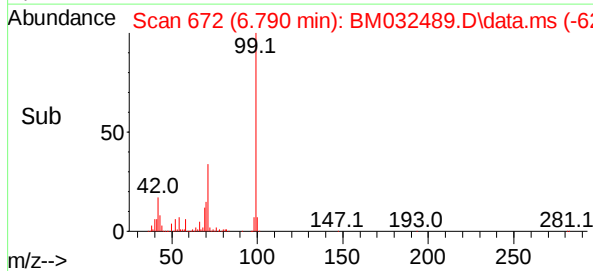
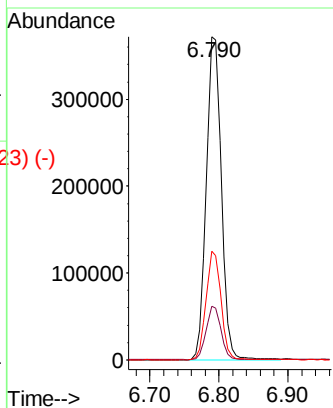
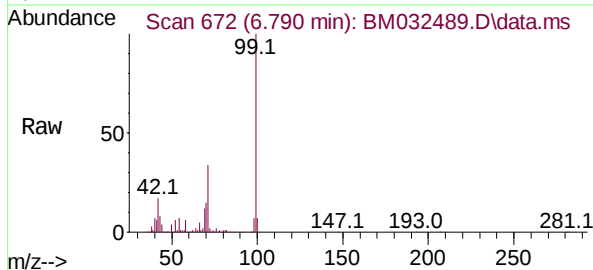




Phenol-d6
 Concen: 32.113 ng
 RT: 6.790 min Scan# 672
 Delta R.T. -0.012 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

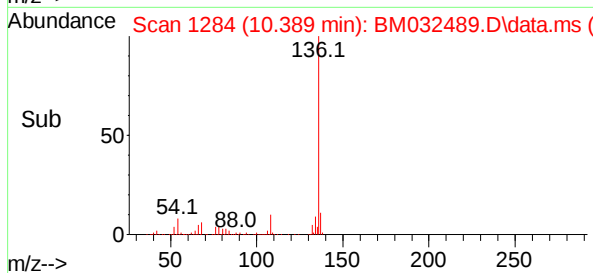
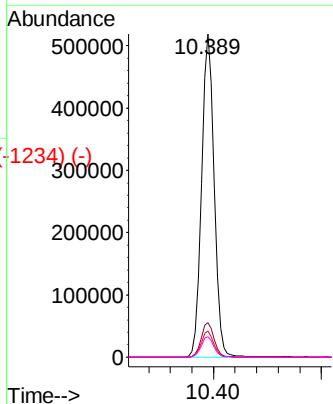
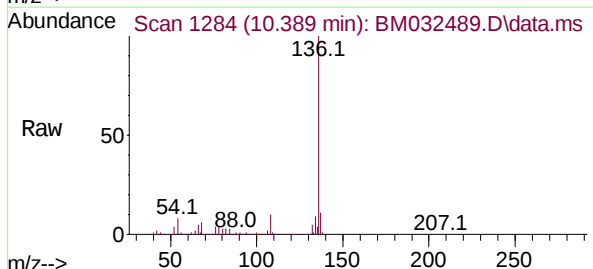
Instrument :
 BNA_M
 ClientSampleId :
 P287-DITCH

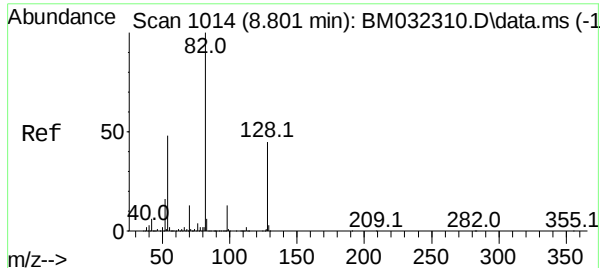
Tgt Ion:	99	Resp:	566737
Ion	Ratio	Lower	Upper
99	100		
42	16.6	23.0	34.6#
71	33.7	37.8	56.8#



Naphthalene-d8
 Concen: 20.000 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#

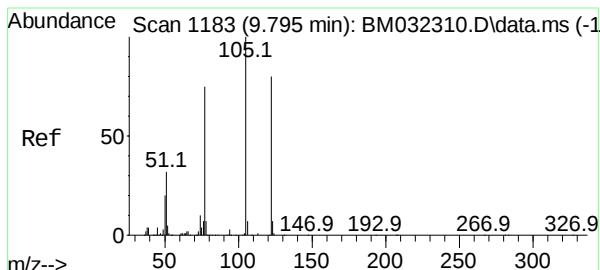
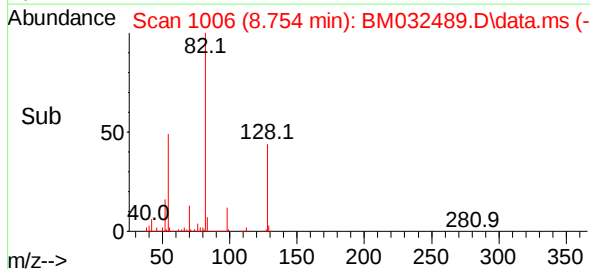
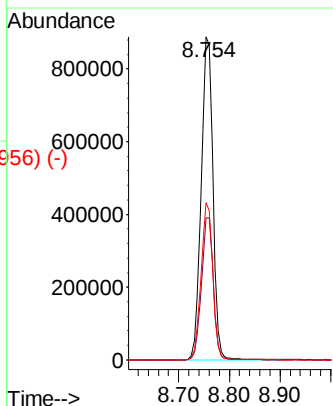
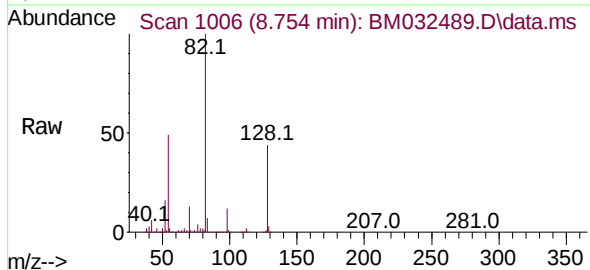




Nitrobenzene-d5
 Concen: 95.821 ng
 RT: 8.754 min Scan# 1006
 Delta R.T. -0.006 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

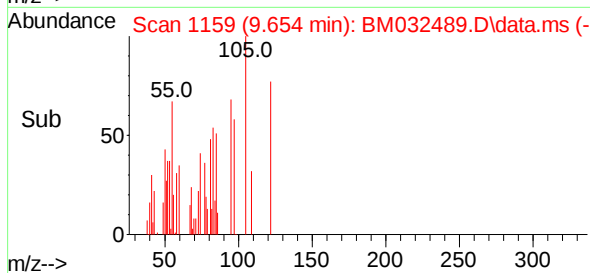
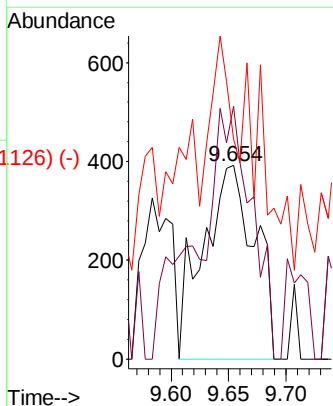
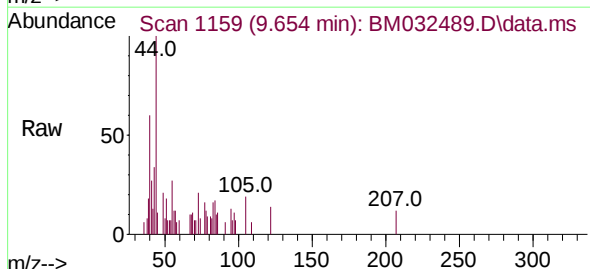
Instrument :
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 ClientSampleId :
 P287-DITCH

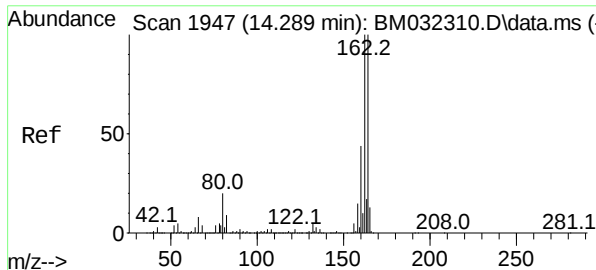
Tgt Ion:	82	Resp:	1429824
Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.0	43.6#
54	48.7	45.8	68.8



Benzoic acid
 Concen: 4.950 ng
 RT: 9.654 min Scan# 1159
 Delta R.T. -0.106 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

Tgt Ion:	122	Resp:	1226
Ion	Ratio	Lower	Upper
122	100		
105	130.6	120.3	160.3
77	113.8	100.0	140.0

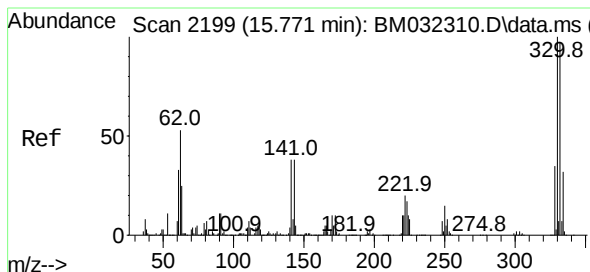
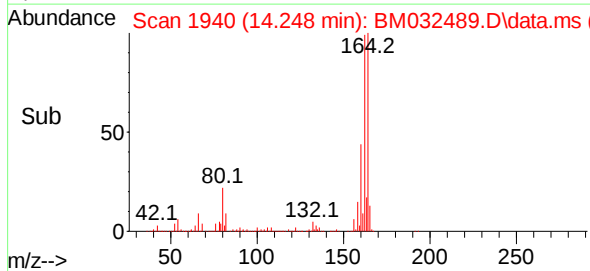
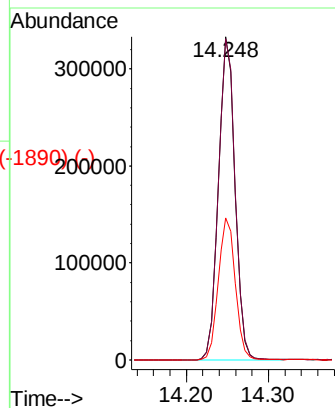
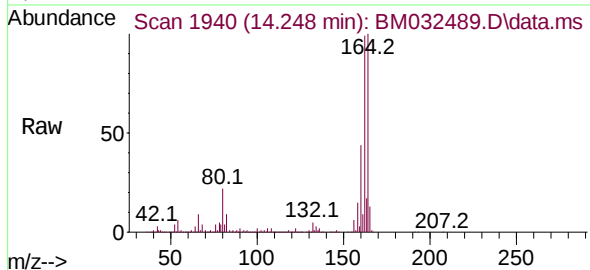




Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.248 min Scan# 1940
 Delta R.T. -0.006 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

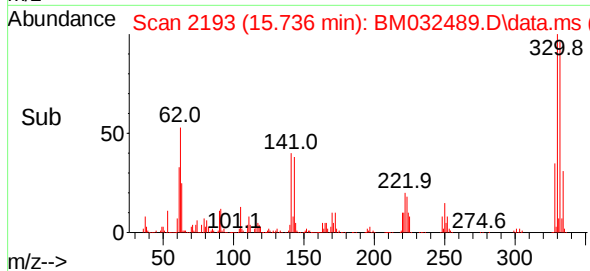
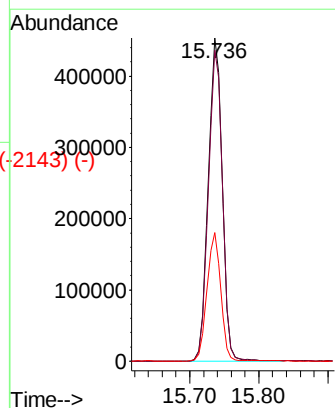
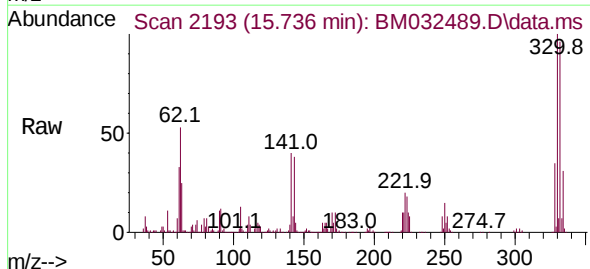
Instrument :
 BNA_M
 ClientSampleId :
 P287-DITCH

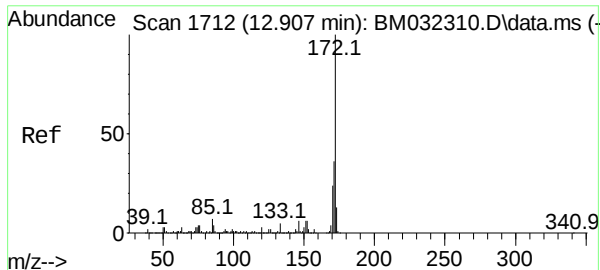
Tgt Ion:	164	Resp:	467460
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	121.0
160	44.0	35.1	52.7



2,4,6-Tribromophenol
 Concen: 122.109 ng
 RT: 15.736 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

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#



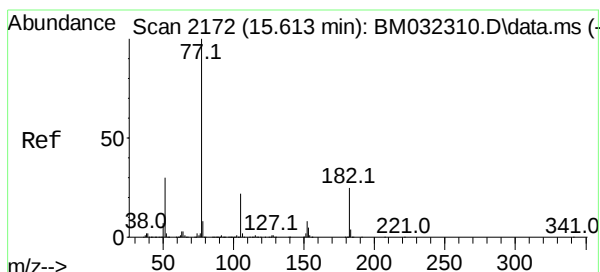
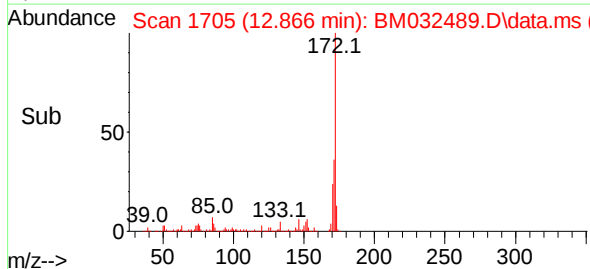
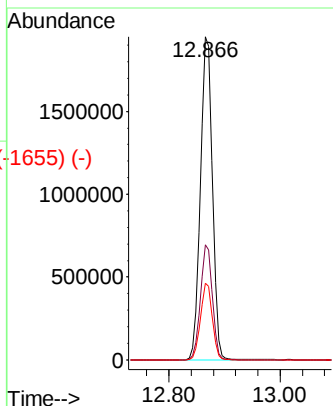
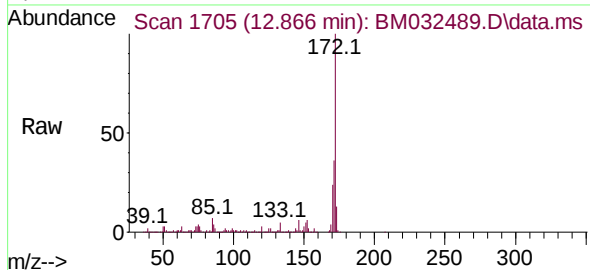


2-Fluorobiphenyl
 Concen: 93.111 ng
 RT: 12.866 min Scan# 1705
 Delta R.T. -0.006 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

Instrument :
 BNA_M
 ClientSampleId :
 P287-DITCH

Tgt Ion:172 Resp: 2927400

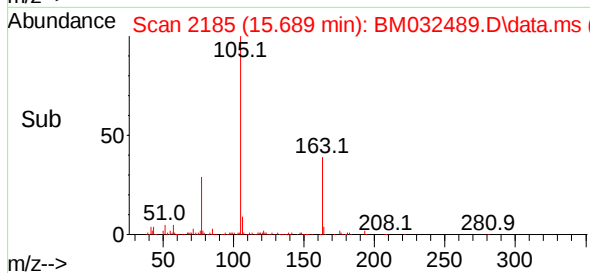
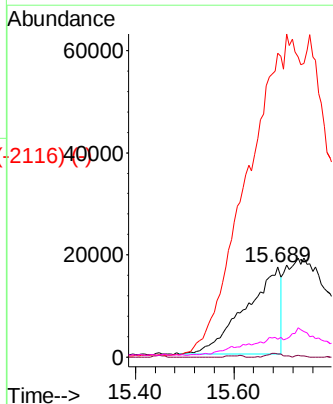
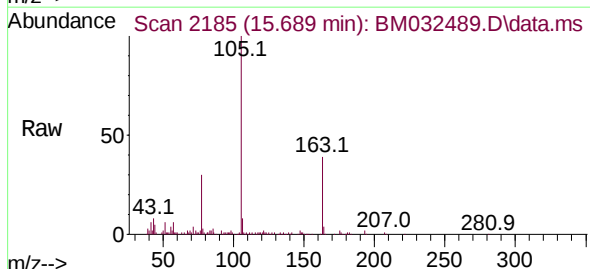
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	23.7	18.6	27.8



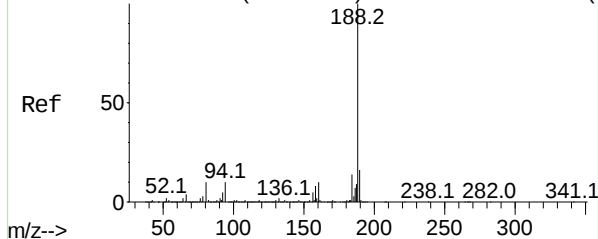
Azobenzene
 Concen: 2.717 ng
 RT: 15.689 min Scan# 2185
 Delta R.T. 0.106 min
 Lab File: BM032489.D
 Acq: 13 Oct 2021 10:59

Tgt Ion: 77 Resp: 83816

Ion	Ratio	Lower	Upper
77	100		
182	3.6	0.0	39.3
105	336.1	0.0	36.1#
51	19.4	19.1	59.1



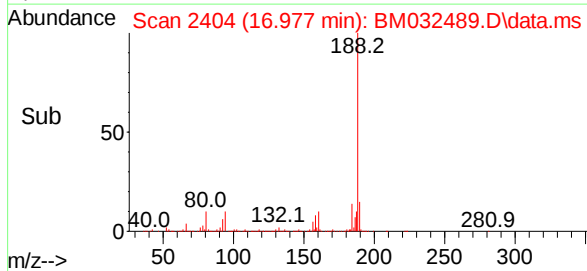
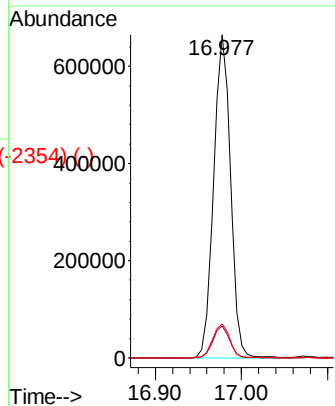
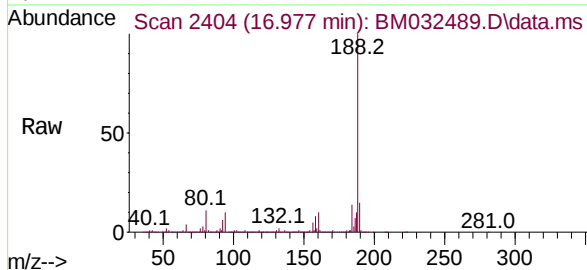
Abundance Scan 2410 (17.012 min): BM032310.D\data.ms (-2404) (-)



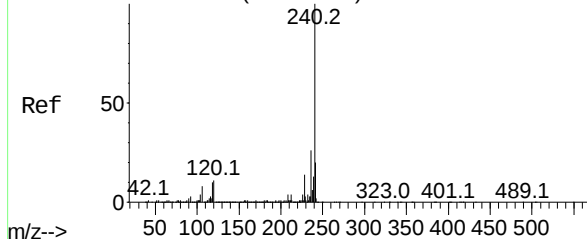
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Instrument :
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ClientSampleId :
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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

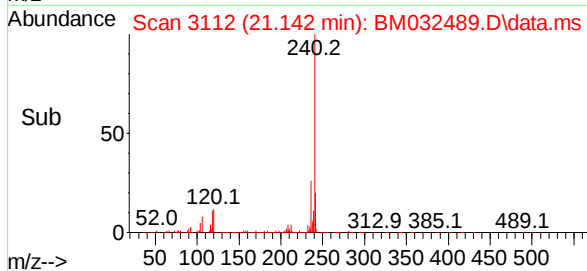
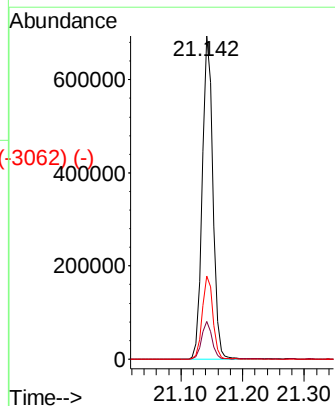
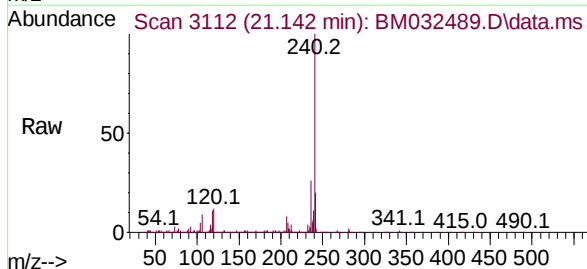


Abundance Scan 3119 (21.183 min): BM032310.D\data.ms (-3170) (-)

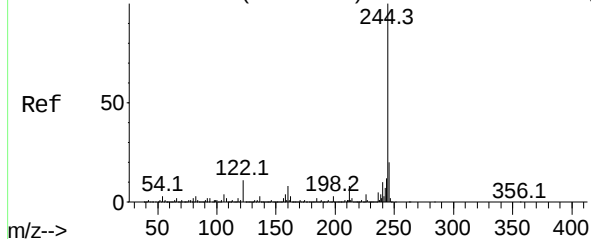


Chrysene-d12
Concen: 20.000 ng
RT: 21.142 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

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



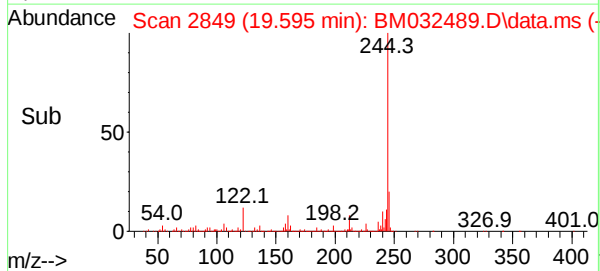
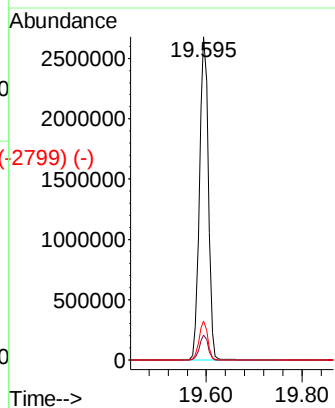
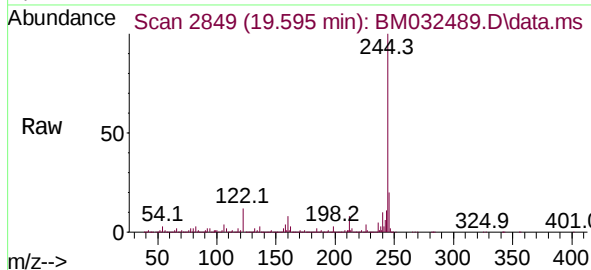
Abundance Scan 2855 (19.630 min): BM032310.D\data.ms (-2849) (-)



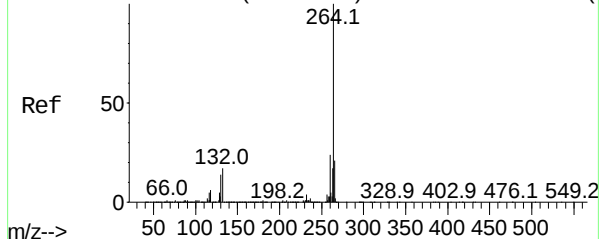
Terphenyl-d14
Concen: 87.441 ng
RT: 19.595 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BM032489.D
Acq: 13 Oct 2021 10:59

Instrument :
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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



Abundance Scan 3485 (23.336 min): BM032310.D\data.ms (-3485) (-)



Perylene-d12
Concen: 20.000 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

