

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028497.D
 Acq On : 21 Jan 2021 20:31
 Operator : CG/JU
 Sample : M1179-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HS-TP4

Quant Time: Jan 21 23:35:09 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)

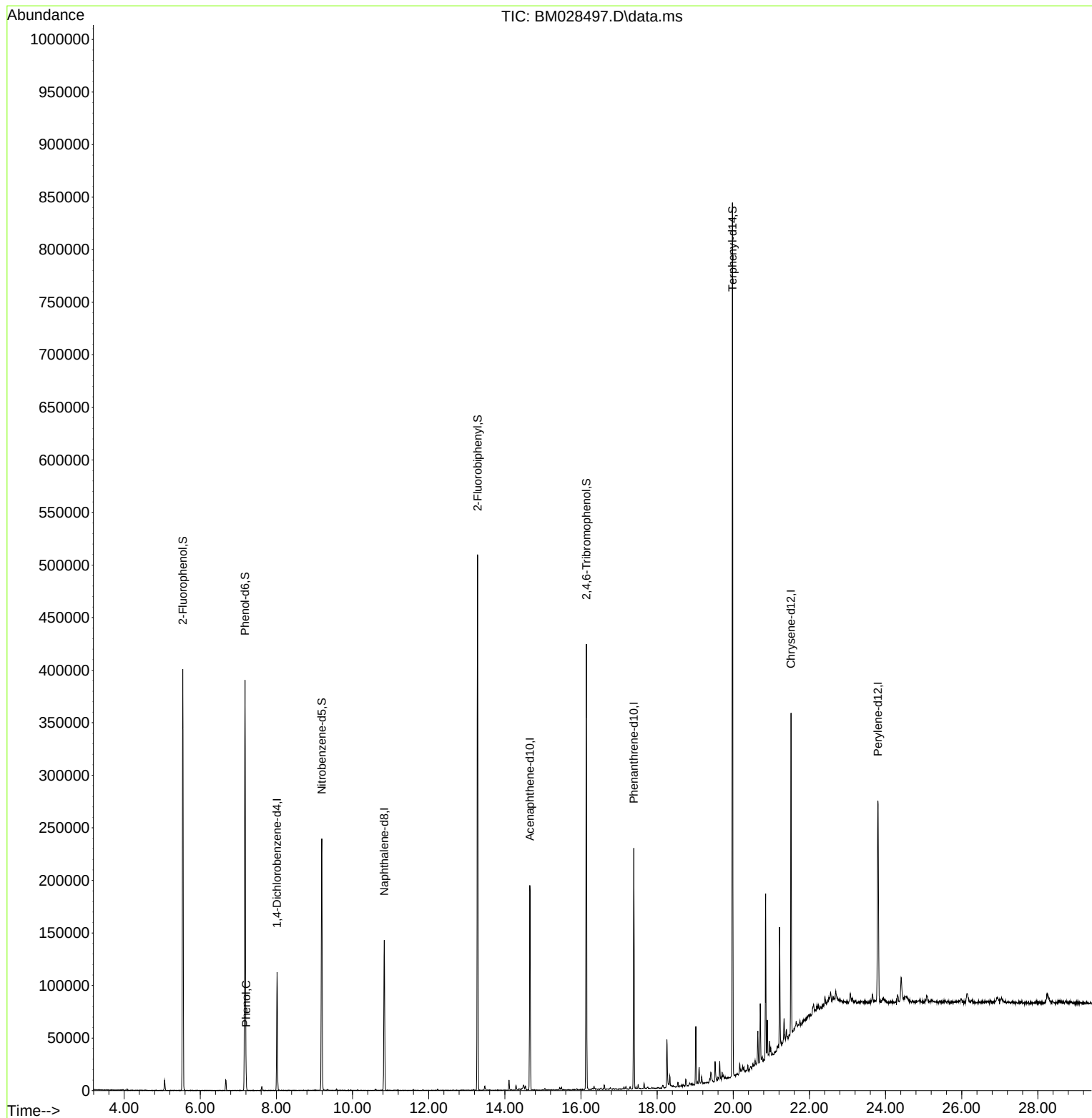
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	29092	20.00	ng	-0.02
21) Naphthalene-d8	10.833	136	113175	20.00	ng	#-0.02
39) Acenaphthene-d10	14.657	164	63162	20.00	ng	-0.02
64) Phenanthrene-d10	17.386	188	128057	20.00	ng	#-0.02
76) Chrysene-d12	21.515	240	128256	20.00	ng	#-0.02
86) Perylene-d12	23.797	264	124608	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	155963	84.69	ng	-0.01
7) Phenol-d6	7.175	99	200697	80.04	ng	-0.01
23) Nitrobenzene-d5	9.192	82	127420	53.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.139	330	67275	80.39	ng	-0.02
45) 2-Fluorobiphenyl	13.286	172	257376	51.12	ng	-0.01
79) Terphenyl-d14	19.980	244	319378	44.97	ng	-0.01
Target Compounds						
10) Phenol	7.204	94	6452	2.73	ng	Qvalue 86

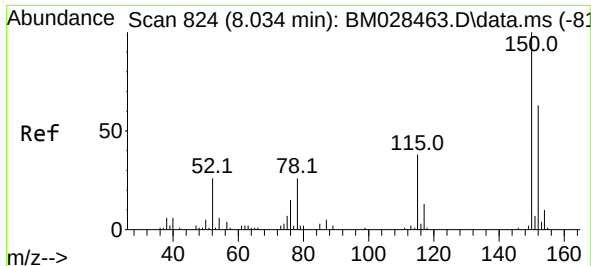
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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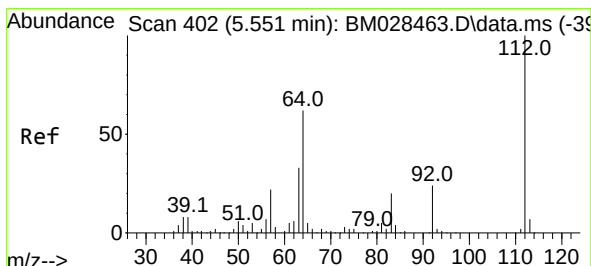
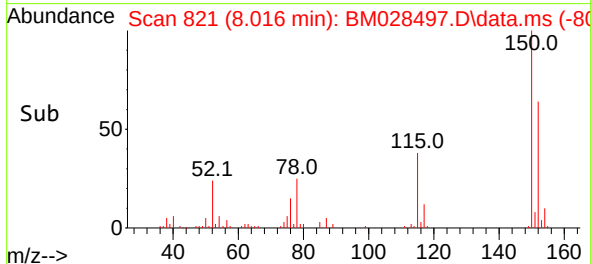
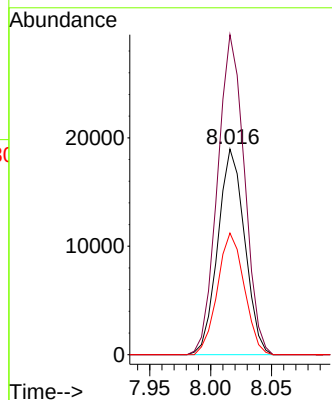
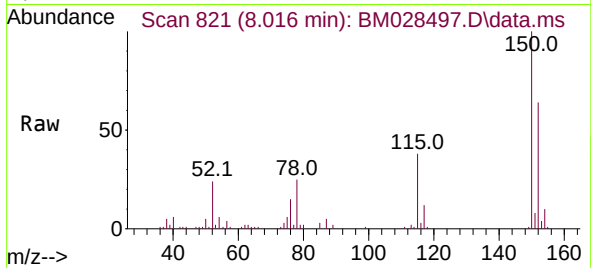




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 821
Delta R.T. -0.018 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

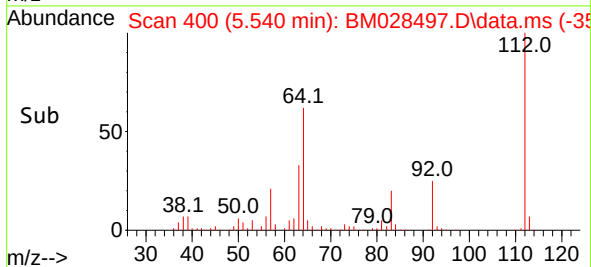
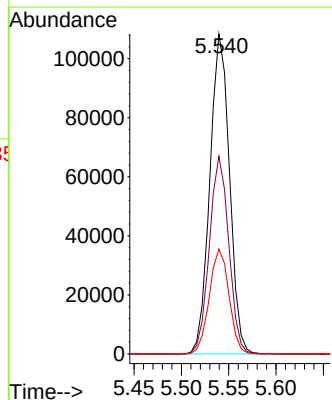
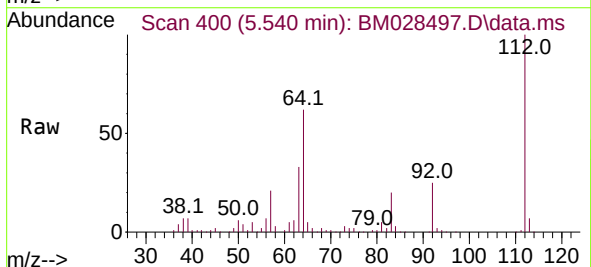
Instrument :
BNA_M
ClientSampled :
HS-TP4

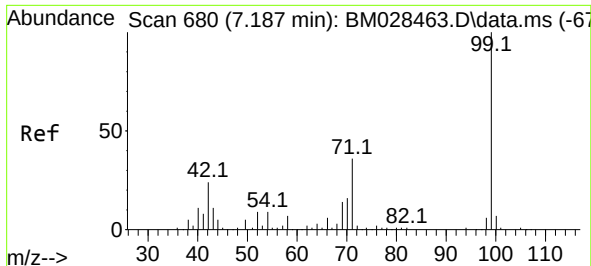
Tgt Ion:152 Resp: 29092
Ion Ratio Lower Upper
152 100
150 155.7 120.6 181.0
115 59.1 47.2 70.8



#5
2-Fluorophenol
Concen: 84.69 ng
RT: 5.540 min Scan# 400
Delta R.T. -0.012 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

Tgt Ion:112 Resp: 155963
Ion Ratio Lower Upper
112 100
64 61.8 50.6 76.0
63 32.8 31.0 46.6

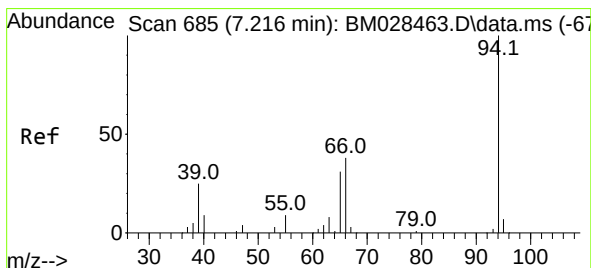
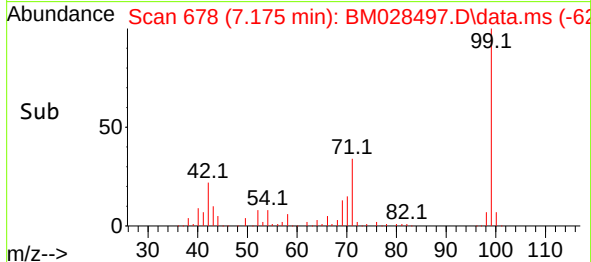
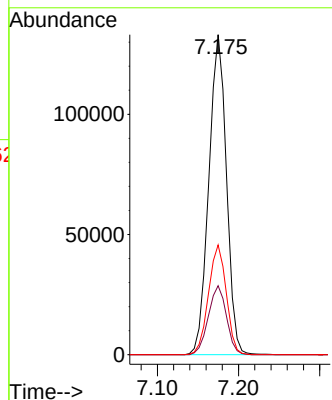
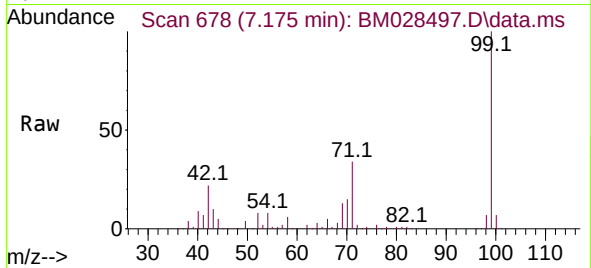




#7
Phenol-d6
Concen: 80.04 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.012 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

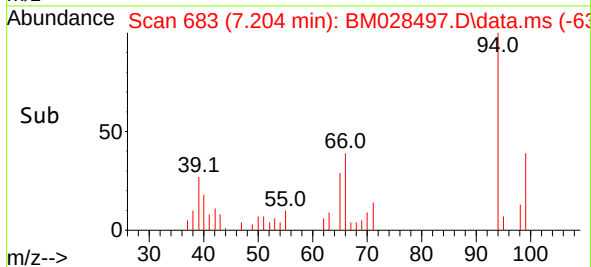
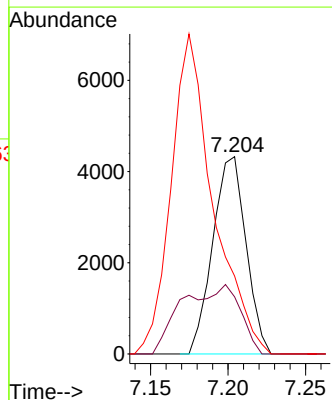
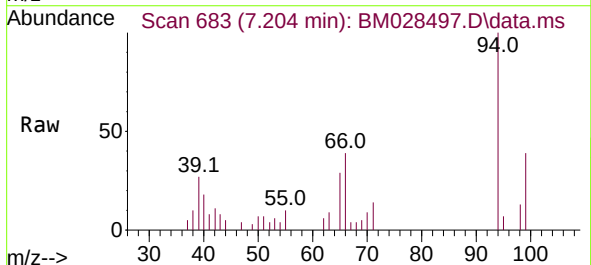
Instrument :
BNA_M
ClientSampled :
HS-TP4

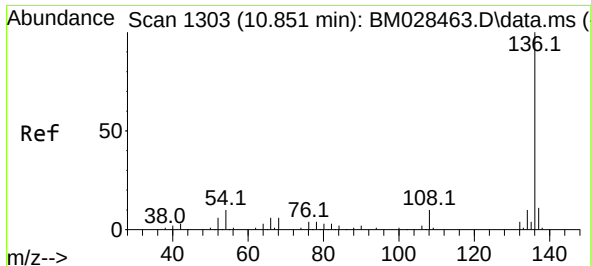
Tgt Ion: 99 Resp: 200697
Ion Ratio Lower Upper
99 100
42 21.5 13.5 20.3#
71 34.3 39.4 59.0#



#10
Phenol
Concen: 2.73 ng
RT: 7.204 min Scan# 683
Delta R.T. -0.012 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

Tgt Ion: 94 Resp: 6452
Ion Ratio Lower Upper
94 100
65 28.9 16.4 56.4
66 39.5 30.2 70.2

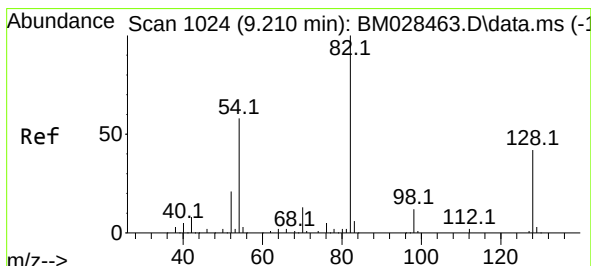
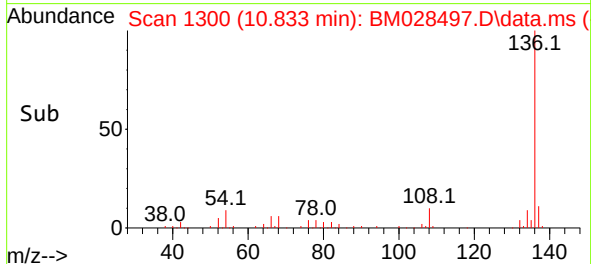
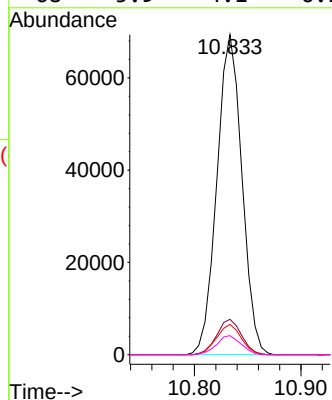
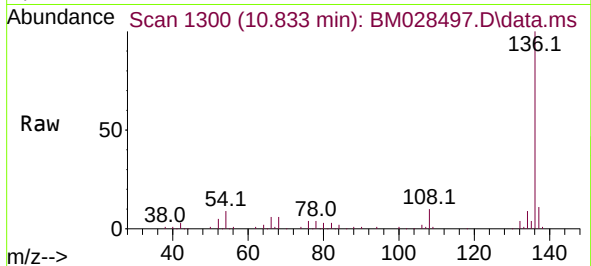




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.833 min Scan# 1300
Delta R.T. -0.018 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

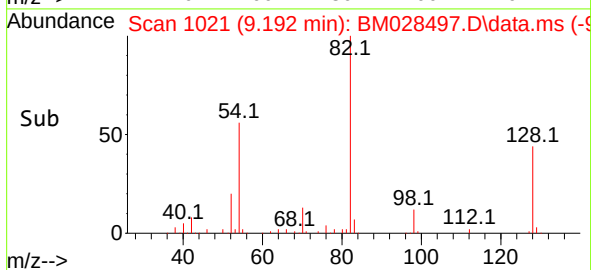
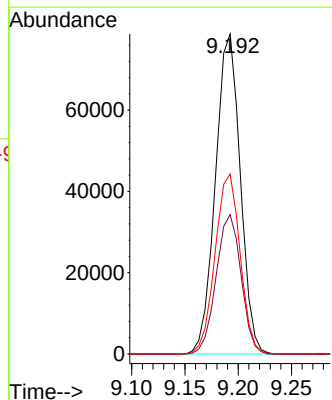
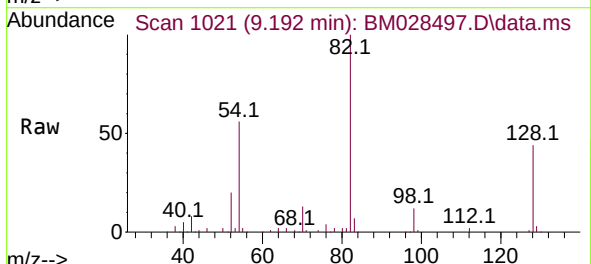
Instrument :
BNA_M
ClientSampled :
HS-TP4

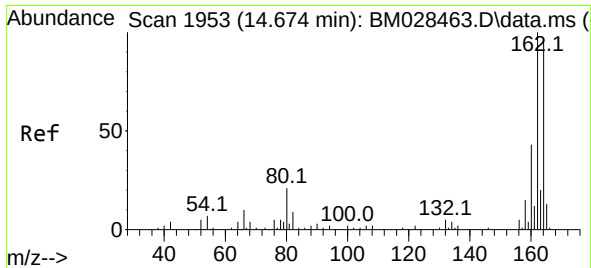
Tgt Ion:	136	Resp:	113175
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	9.5	4.6	7.0#
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 53.40 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.018 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

Tgt Ion:	82	Resp:	127420
Ion Ratio	Lower	Upper	
82	100		
128	43.6	27.4	41.0#
54	56.3	31.4	47.0#

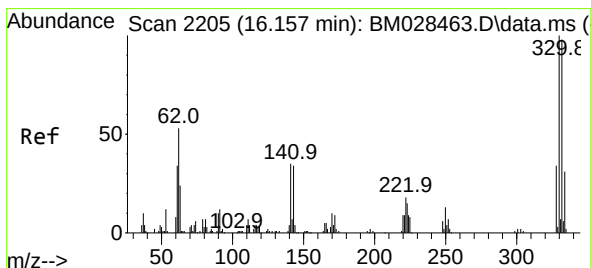
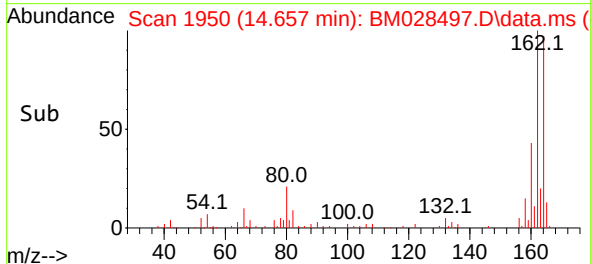
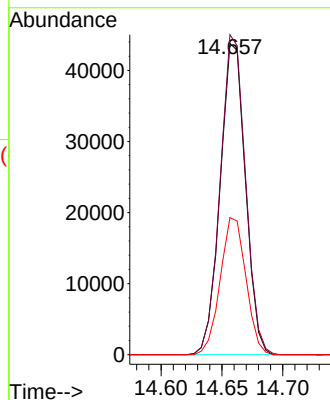
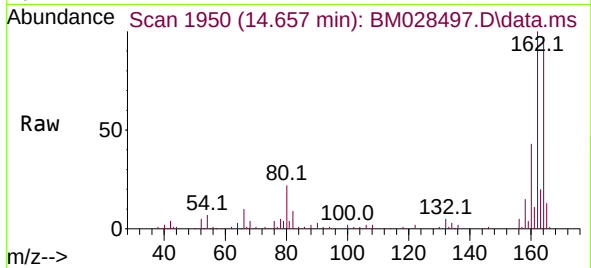




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

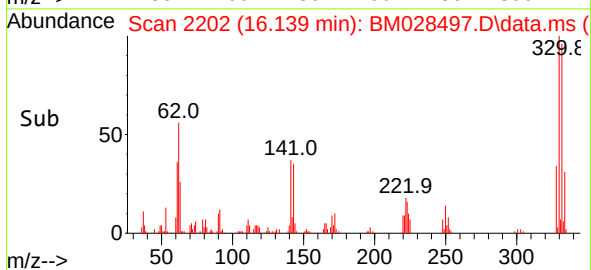
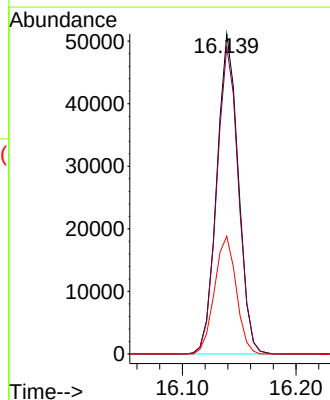
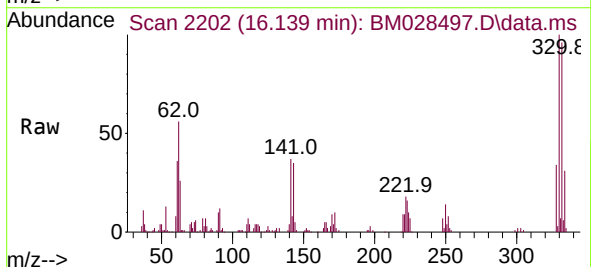
Instrument :
BNA_M
ClientSampled :
HS-TP4

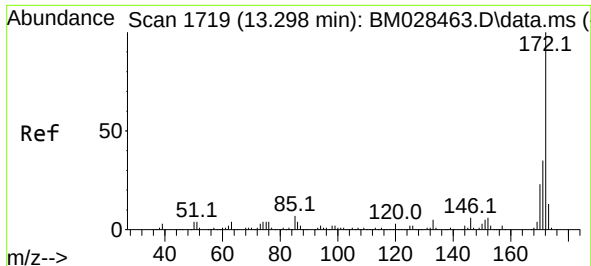
Tgt Ion:164	Resp:	63162
Ion Ratio	Lower	Upper
164	100	
162	102.8	80.4 120.6
160	44.0	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 80.39 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

Tgt Ion:330	Resp:	67275
Ion Ratio	Lower	Upper
330	100	
332	96.7	77.8 116.8
141	37.1	28.4 42.6

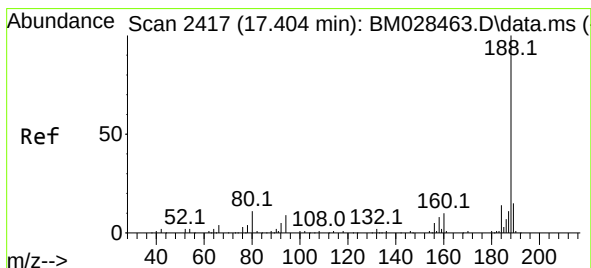
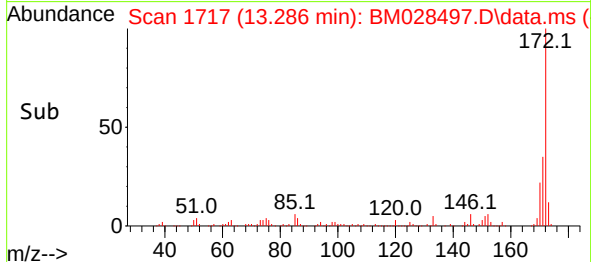
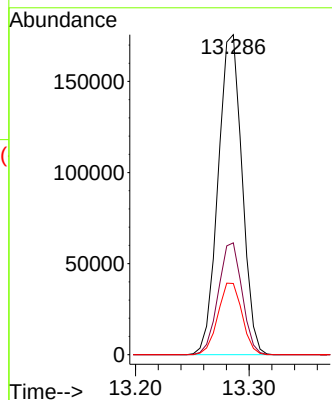
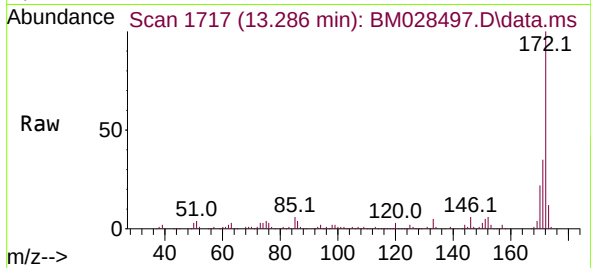




#45
2-Fluorobiphenyl
Concen: 51.12 ng
RT: 13.286 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

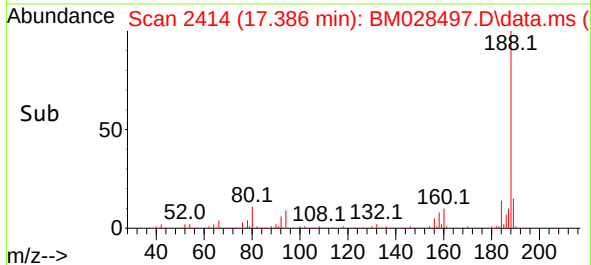
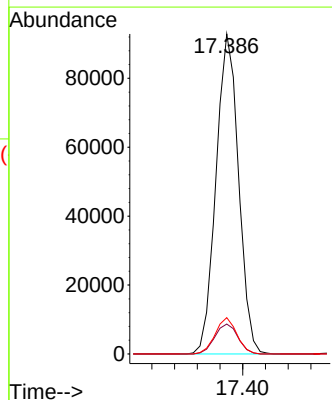
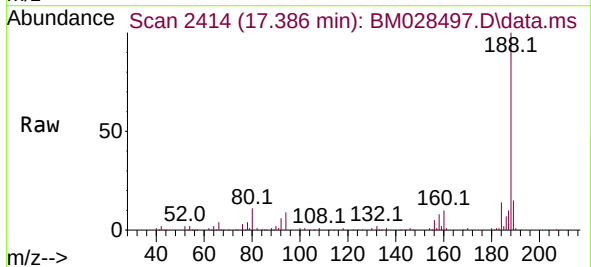
Instrument :
BNA_M
ClientSampled :
HS-TP4

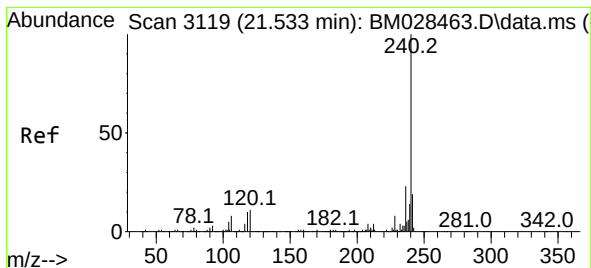
Tgt Ion:172	Resp: 257376
Ion Ratio	Lower Upper
172	100
171	35.0 27.8 41.8
170	22.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM028497.D
Acq: 21 Jan 2021 20:31

Tgt Ion:188	Resp: 128057
Ion Ratio	Lower Upper
188	100
94	9.3 6.2 9.4
80	11.4 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: BM028497.D

Acq: 21 Jan 2021 20:31

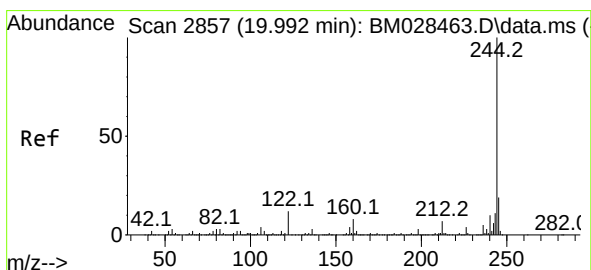
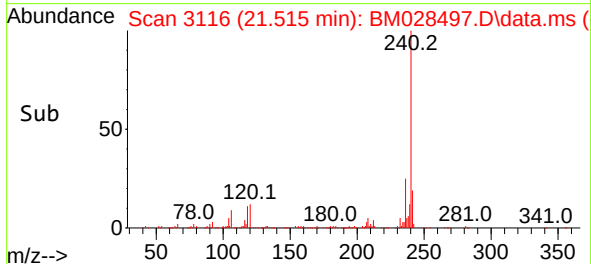
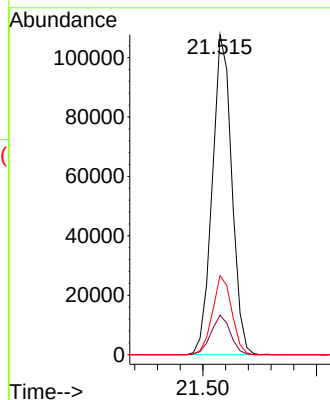
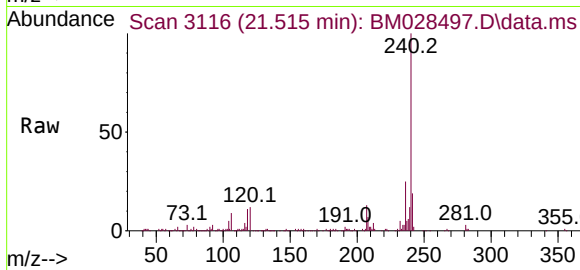
Tgt Ion:240 Resp: 128256

Ion Ratio Lower Upper

240 100

120 12.3 6.4 9.6#

236 24.7 20.1 30.1



#79

Terphenyl-d14

Concen: 44.97 ng

RT: 19.980 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BM028497.D

Acq: 21 Jan 2021 20:31

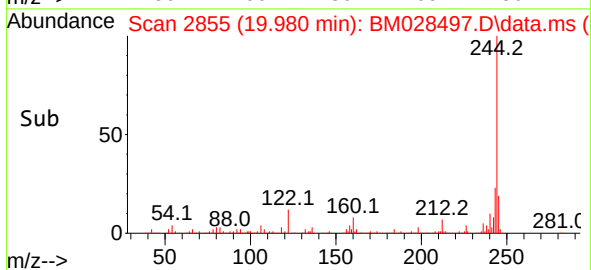
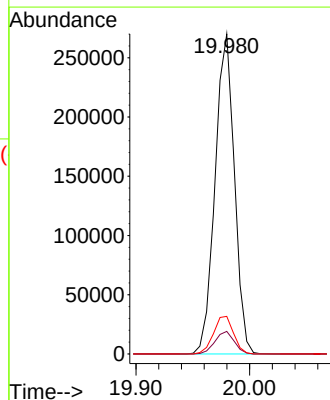
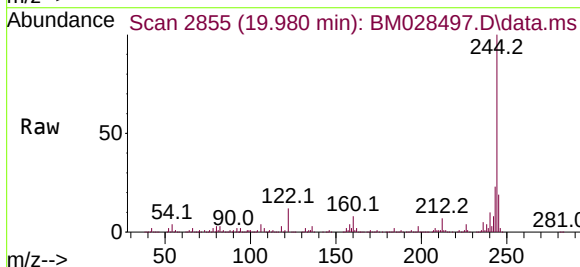
Tgt Ion:244 Resp: 319378

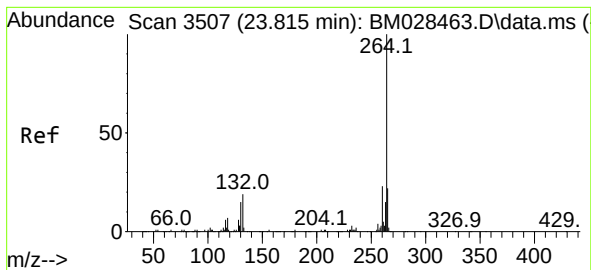
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 11.8 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: BM028497.D
 Acq: 21 Jan 2021 20:31

Instrument :
 BNA_M
 ClientSampleId :
 HS-TP4

Tgt Ion:264 Resp: 124608
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 21.0 17.7 26.5

