

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033425.D
 Acq On : 11 Dec 2021 22:55
 Operator : CG/JU
 Sample : M4967-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:09:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

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

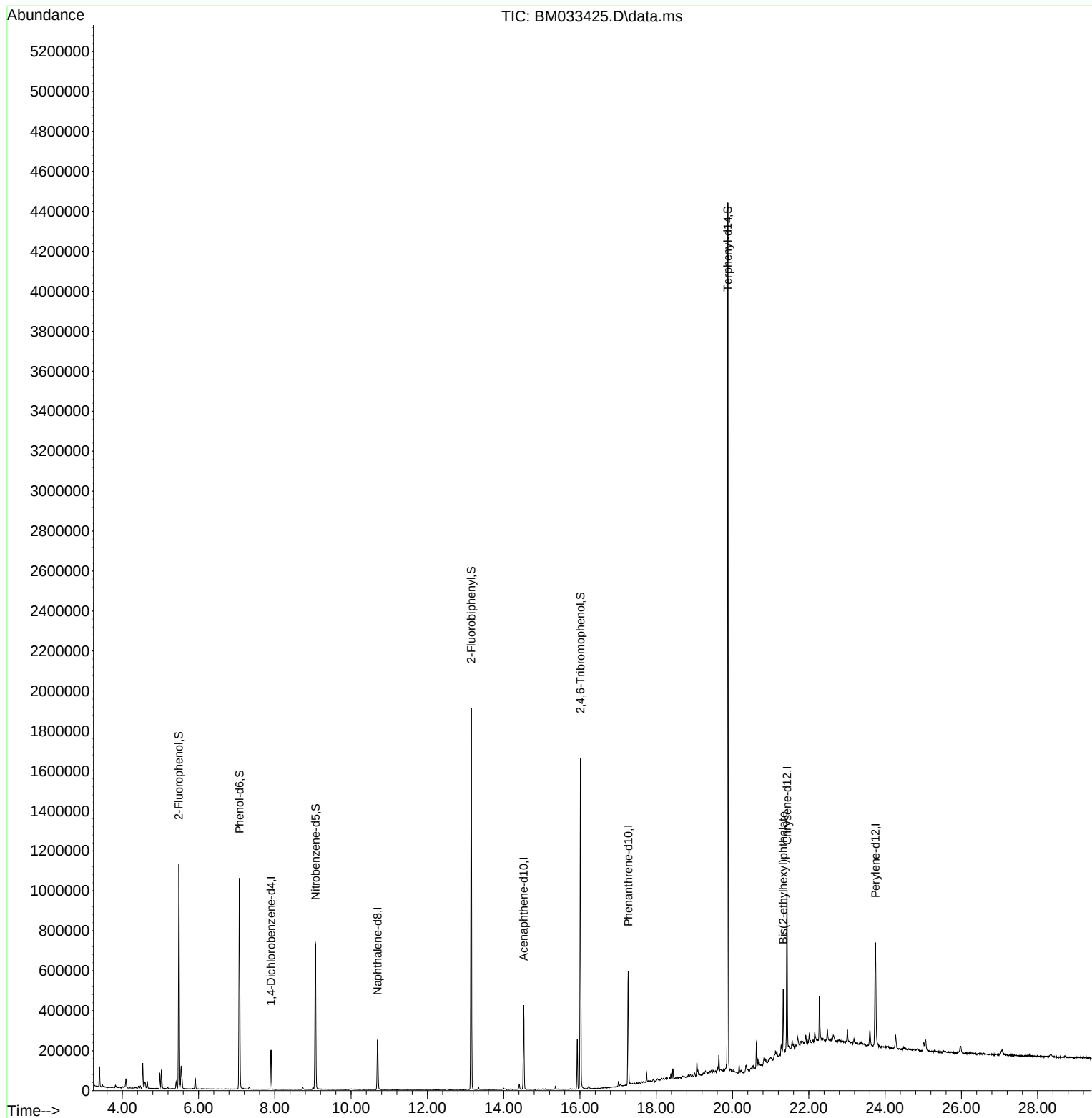
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	46822	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	186537	20.000	ng	-0.01
39) Acenaphthene-d10	14.524	164	135279	20.000	ng	-0.01
64) Phenanthrene-d10	17.265	188	318496	20.000	ng	-0.01
76) Chrysene-d12	21.430	240	384132	20.000	ng	-0.01
86) Perylene-d12	23.747	264	379544	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	379249	132.880	ng	-0.01
7) Phenol-d6	7.072	99	478342	120.200	ng	-0.02
23) Nitrobenzene-d5	9.066	82	404504	92.075	ng	-0.01
42) 2,4,6-Tribromophenol	16.012	330	237735	164.283	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	881779	90.163	ng	-0.01
79) Terphenyl-d14	19.877	244	1816371	87.604	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.078	77	1387	Below Cal	Qvalue #	7
84) Bis(2-ethylhexyl)phtha...	21.330	149	91539	6.164 ng		98

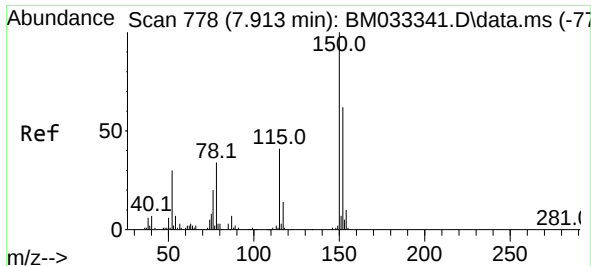
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 07:11:07 2021
Response via : Initial Calibration

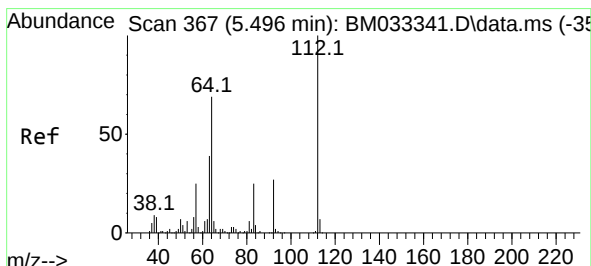
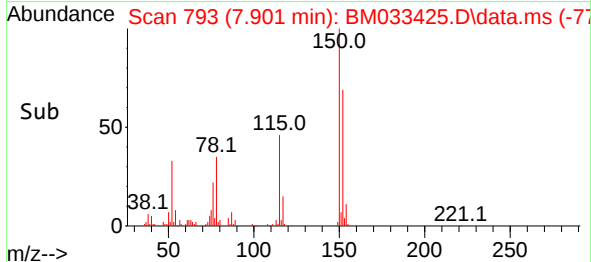
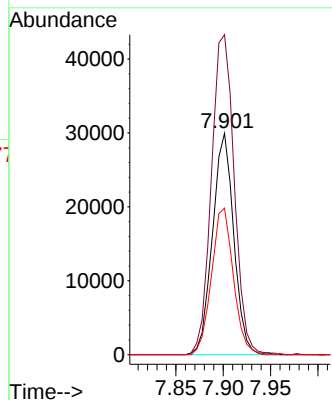
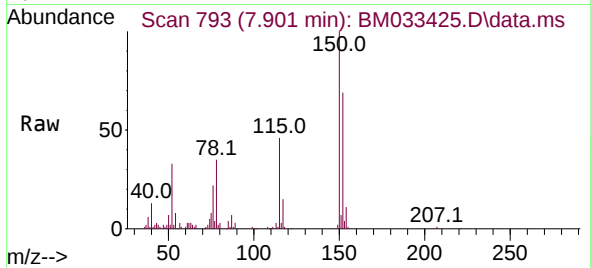




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.901 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

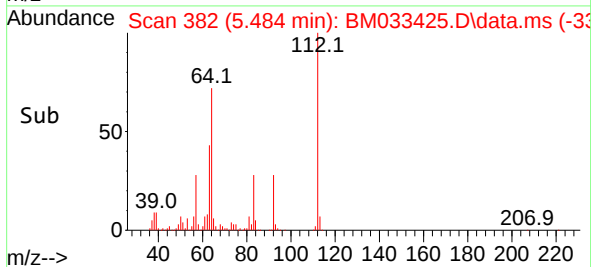
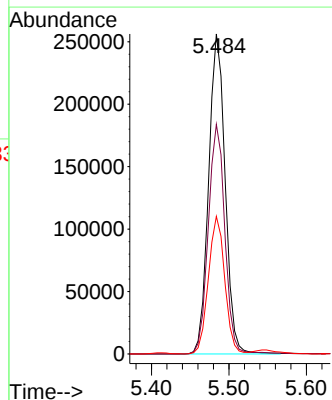
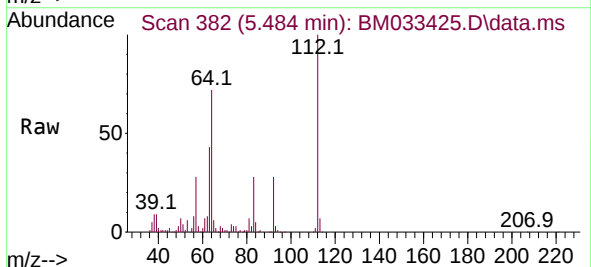
Instrument :
BNA_M
ClientSampleId :

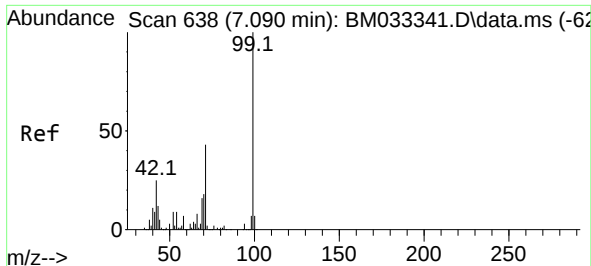
Tgt Ion:152 Resp: 46822
Ion Ratio Lower Upper
152 100
150 144.6 128.9 193.3
115 66.2 53.0 79.6



#5
2-Fluorophenol
Concen: 132.880 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

Tgt Ion:112 Resp: 379249
Ion Ratio Lower Upper
112 100
64 71.8 55.5 83.3
63 43.0 31.3 46.9

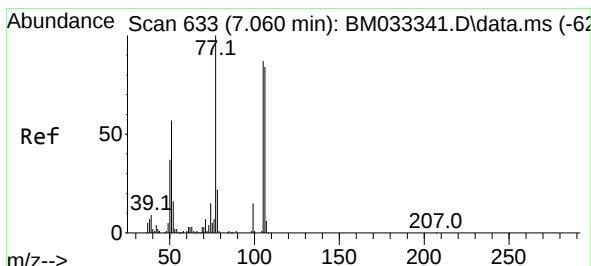
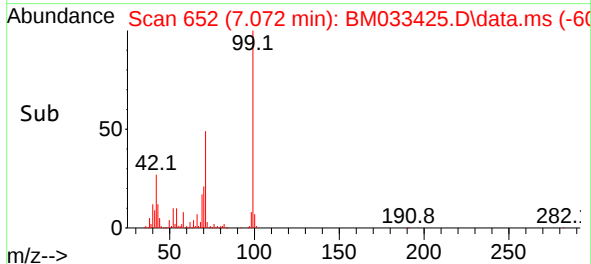
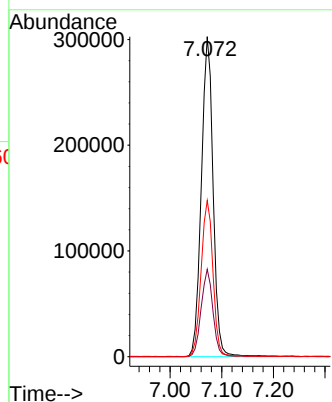
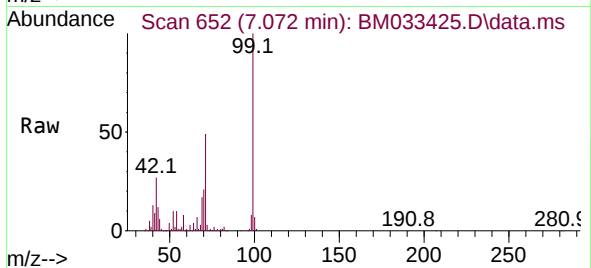




#7
Phenol-d6
Concen: 120.200 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

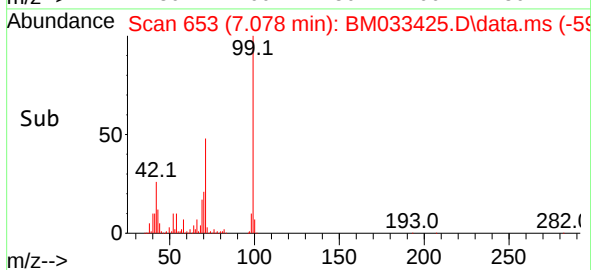
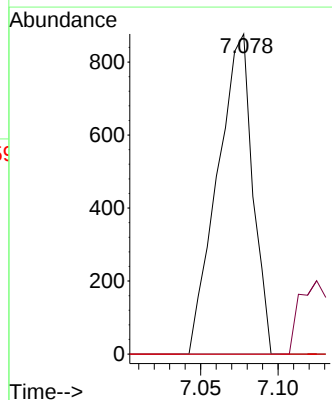
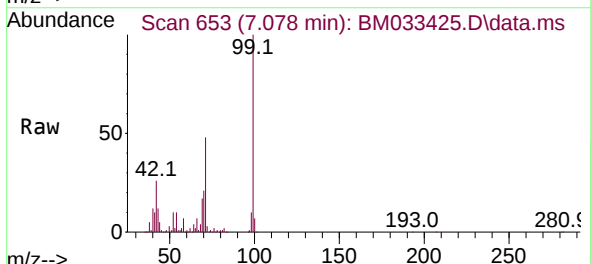
Instrument :
BNA_M
ClientSampleId :

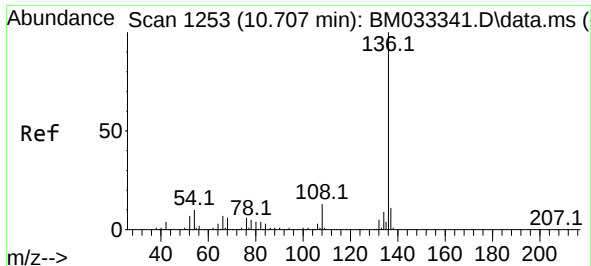
Tgt Ion: 99 Resp: 478342
Ion Ratio Lower Upper
99 100
42 27.3 20.3 30.5
71 48.8 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 653
Delta R.T. 0.018 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

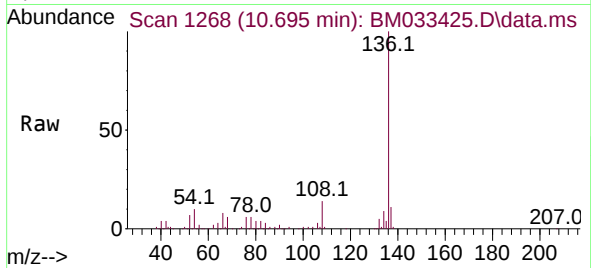
Tgt Ion: 77 Resp: 1387
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



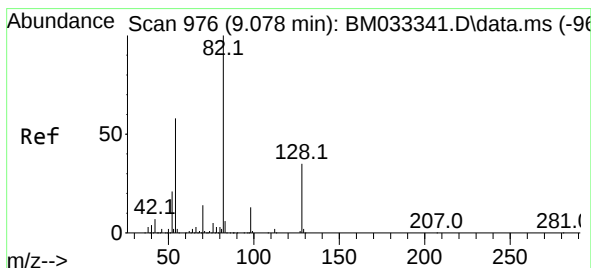
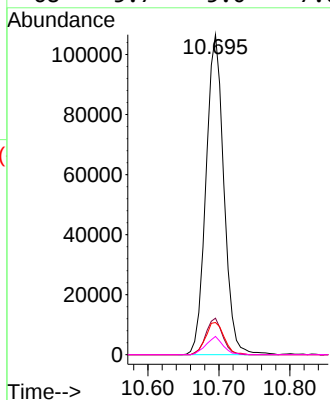
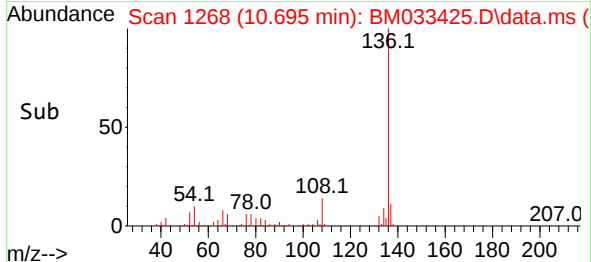


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

Instrument :
BNA_M
ClientSampleId :

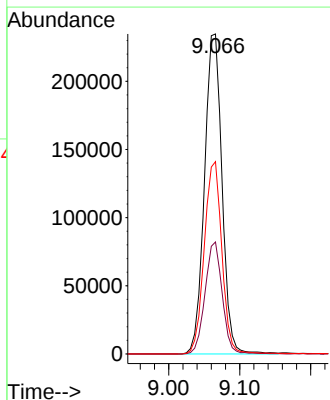
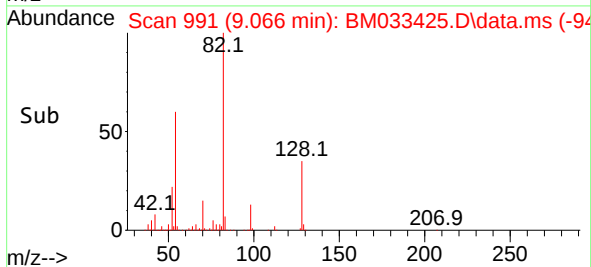
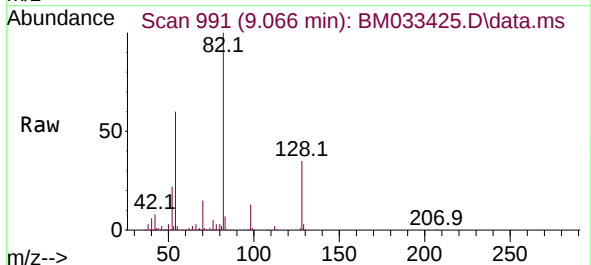


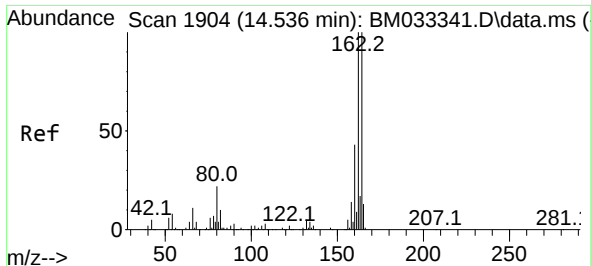
Tgt Ion:	136	Resp:	186537
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	10.0	8.3	12.5
68	5.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 92.075 ng
RT: 9.066 min Scan# 991
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

Tgt Ion:	82	Resp:	404504
Ion	Ratio	Lower	Upper
82	100		
128	35.0	28.1	42.1
54	60.1	46.1	69.1

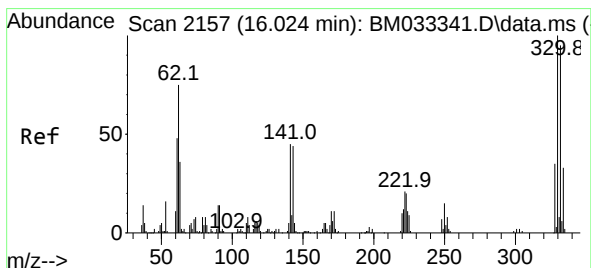
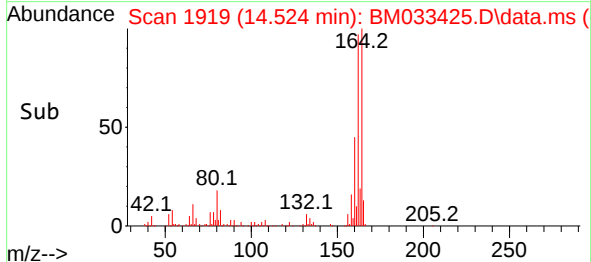
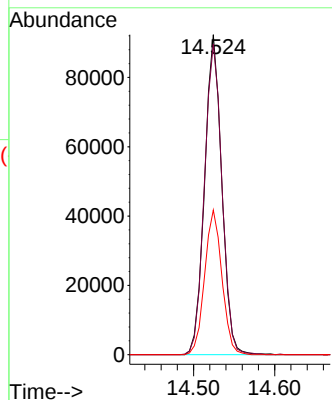
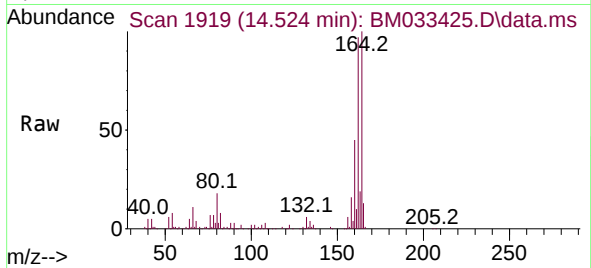




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.524 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

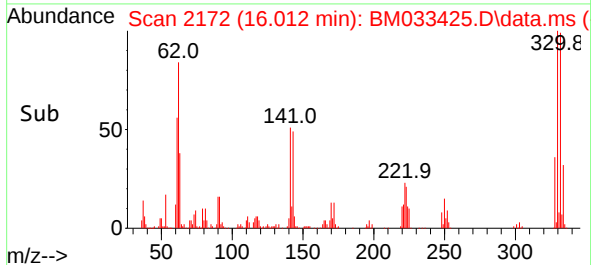
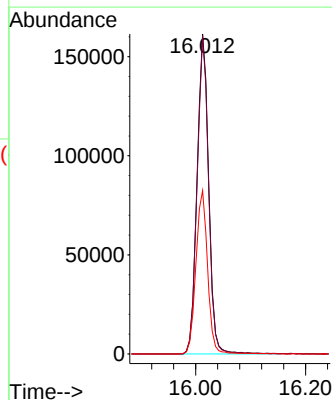
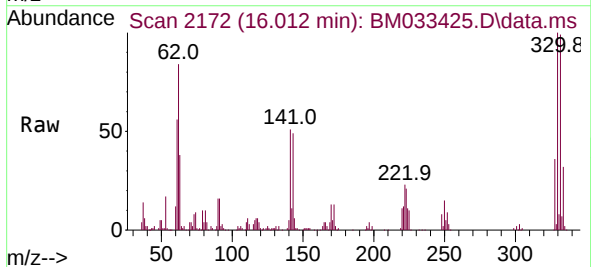
Instrument :
BNA_M
ClientSampleId :

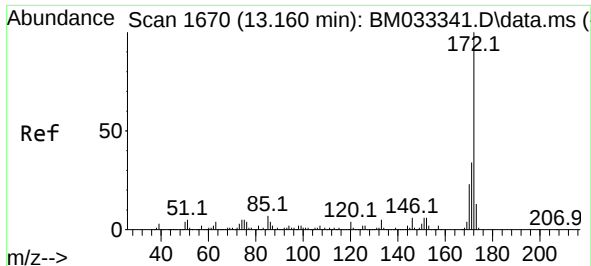
Tgt Ion:164 Resp: 135279
Ion Ratio Lower Upper
164 100
162 97.1 79.7 119.5
160 45.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 164.283 ng
RT: 16.012 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

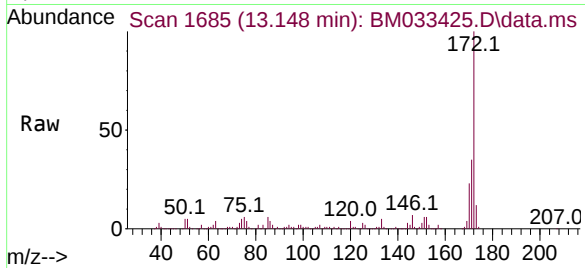
Tgt Ion:330 Resp: 237735
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 50.9 35.9 53.9



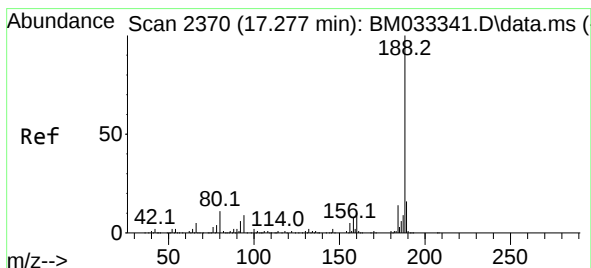
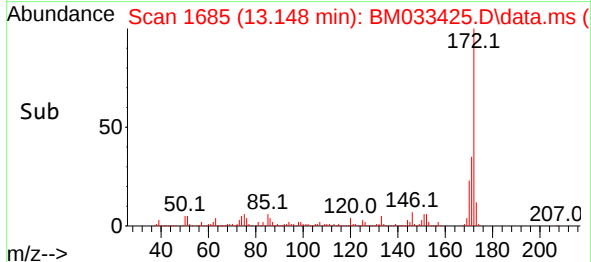
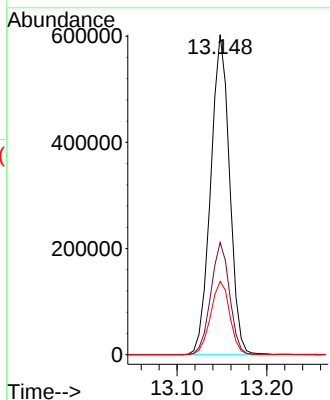


#45
2-Fluorobiphenyl
Concen: 90.163 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

Instrument :
BNA_M
ClientSampleId :

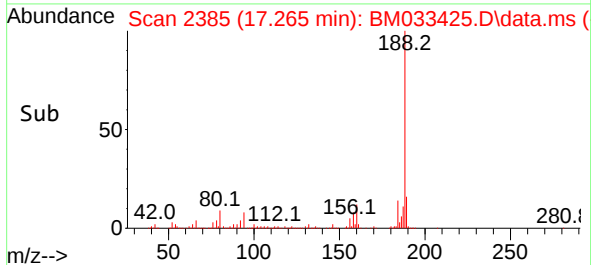
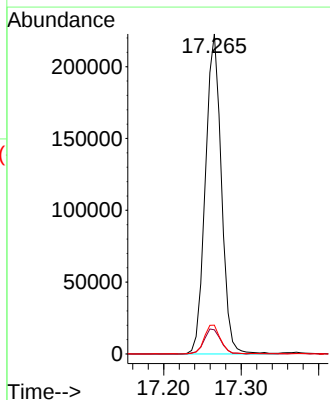
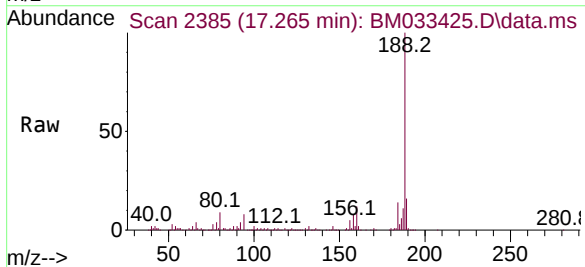


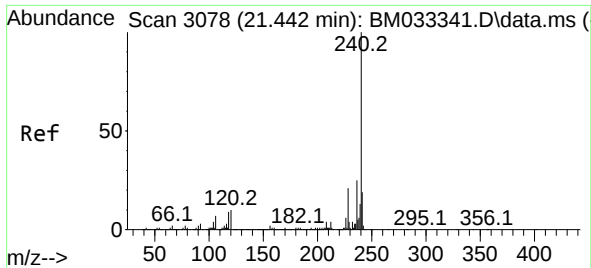
Tgt Ion:172 Resp: 881779
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 22.9 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

Tgt Ion:188 Resp: 318496
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 9.0 8.9 13.3

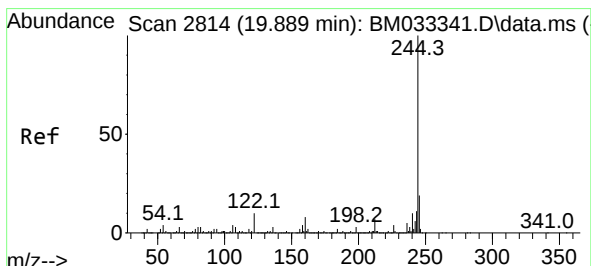
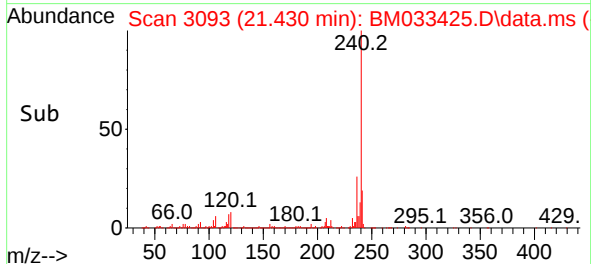
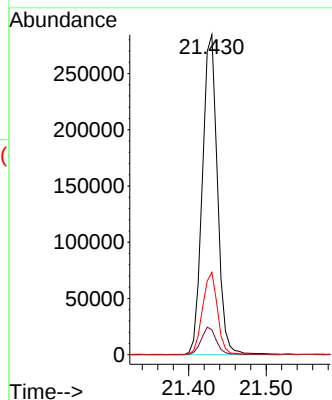
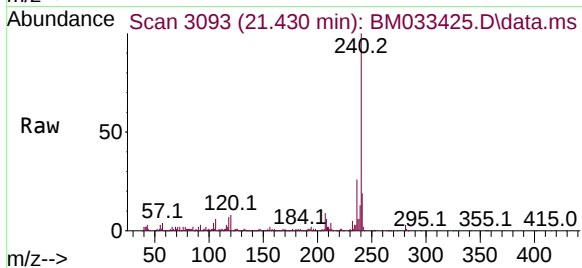




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

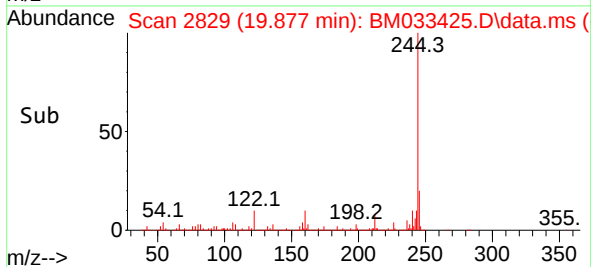
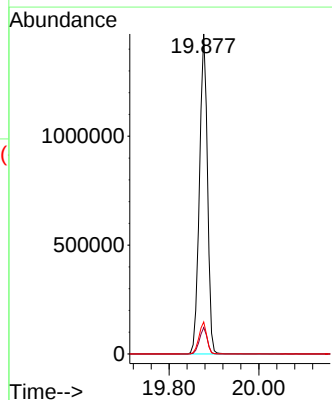
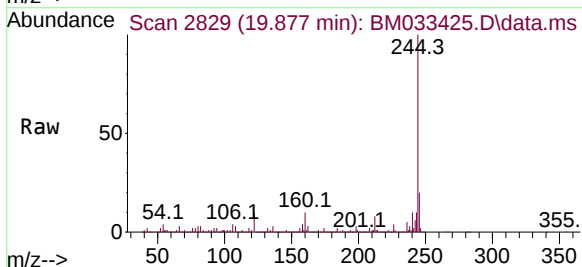
Instrument :
BNA_M
ClientSampleId :

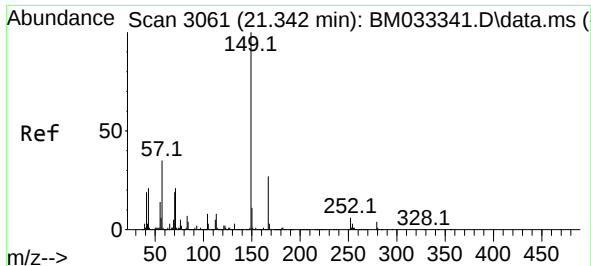
Tgt Ion:240 Resp: 384132
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 87.604 ng
RT: 19.877 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM033425.D
Acq: 11 Dec 2021 22:55

Tgt Ion:244 Resp: 1816371
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 10.0 8.4 12.6

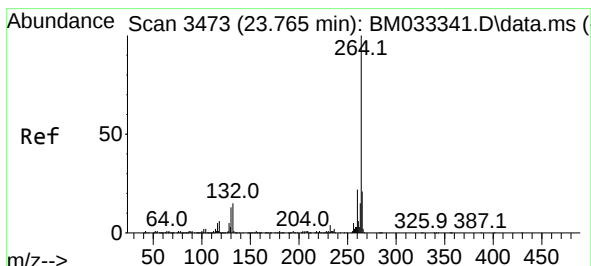
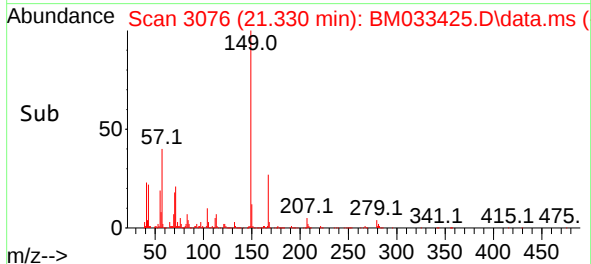
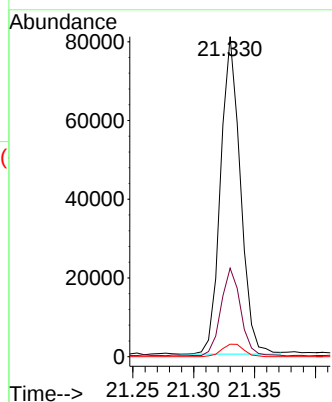
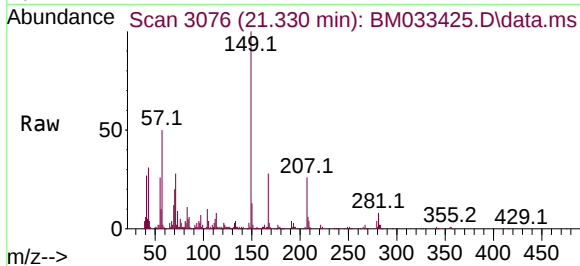




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.164 ng
 RT: 21.330 min Scan# 3061
 Delta R.T. -0.012 min
 Lab File: BM033425.D
 Acq: 11 Dec 2021 22:55

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	149	Resp:	91539
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.4	32.0
279	3.9	3.0	4.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.018 min
 Lab File: BM033425.D
 Acq: 11 Dec 2021 22:55

Tgt Ion:	264	Resp:	379544
Ion Ratio	Lower	Upper	
264	100		
260	24.1	17.7	26.5
265	22.7	17.7	26.5

