

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042435.D
 Acq On : 25 Oct 2023 13:32
 Operator : MA/JU
 Sample : 04960-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VAUX-SLUDGE

Quant Time: Oct 25 14:05:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

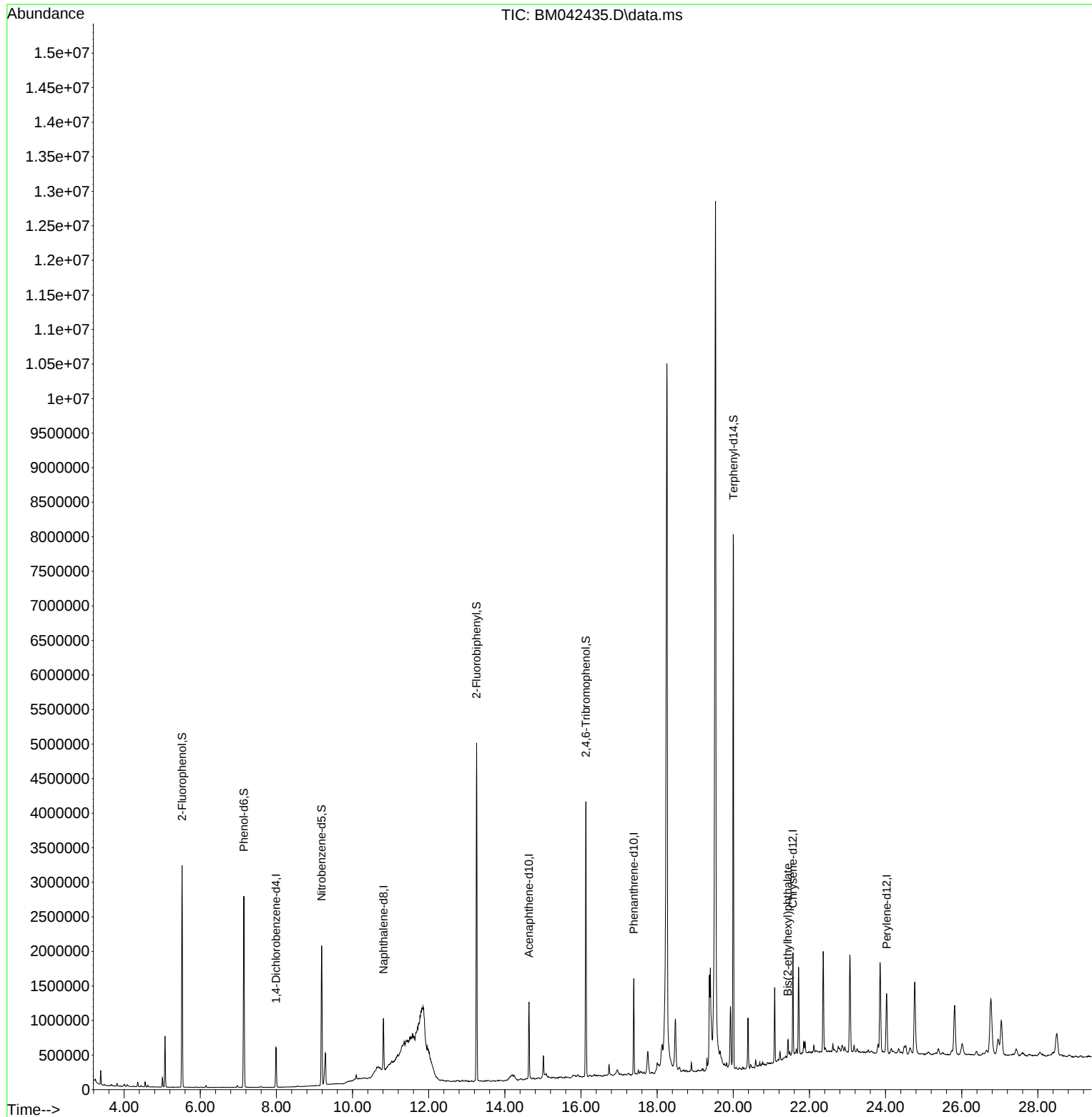
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	144973	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	573444	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	351045	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	767913	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	645401	20.000	ng	-0.01
86) Perylene-d12	24.027	264	685376	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1241091	120.992	ng	0.00
7) Phenol-d6	7.145	99	1488640	108.292	ng	0.00
23) Nitrobenzene-d5	9.186	82	1161688	89.580	ng	-0.01
42) 2,4,6-Tribromophenol	16.127	330	692454	175.157	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	2387121	91.570	ng	-0.01
79) Terphenyl-d14	20.003	244	3728956	102.468	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.433	149	47313	4.882	ng	Qvalue # 77

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

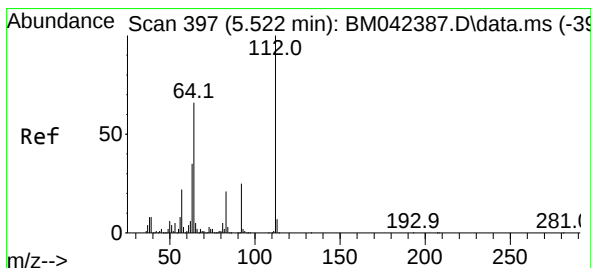
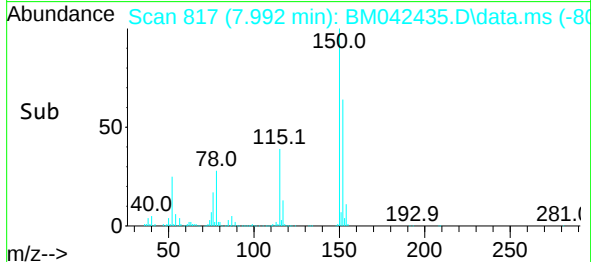
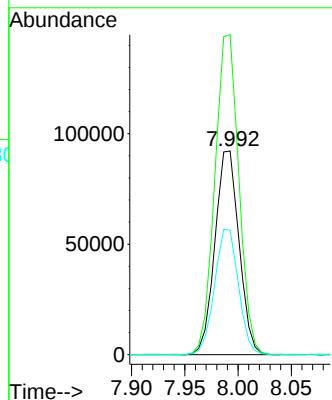
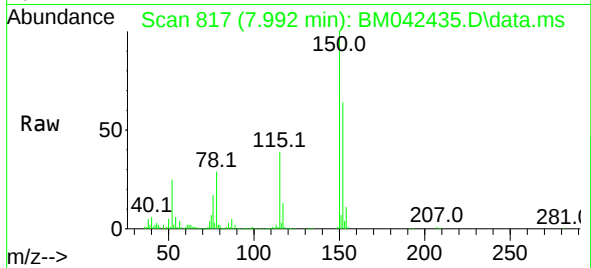




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

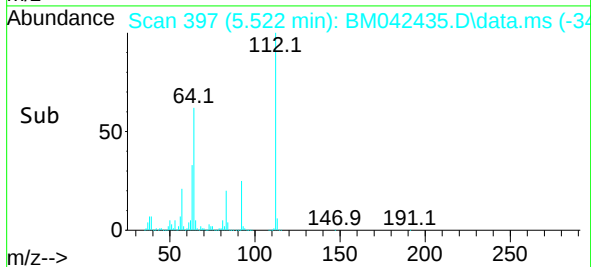
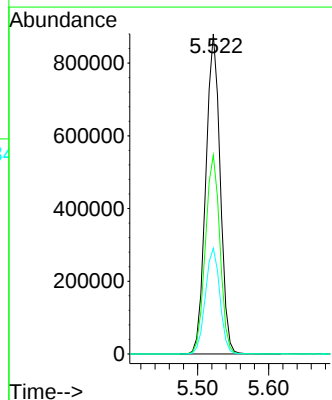
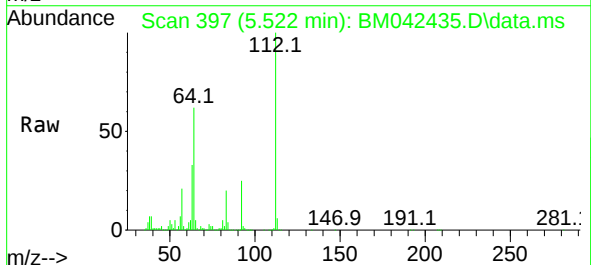
Instrument :
BNA_M
ClientSampleId :
VAUX-SLUDGE

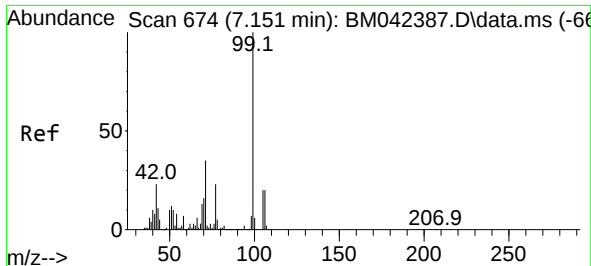
Tgt Ion:152 Resp: 144973
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.4
115 61.2 51.9 77.9



#5
2-Fluorophenol
Concen: 120.992 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

Tgt Ion:112 Resp: 1241091
Ion Ratio Lower Upper
112 100
64 62.2 52.7 79.1
63 33.0 28.3 42.5

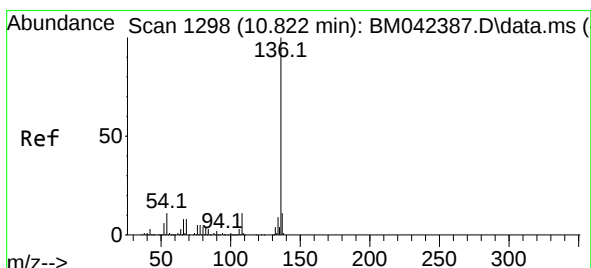
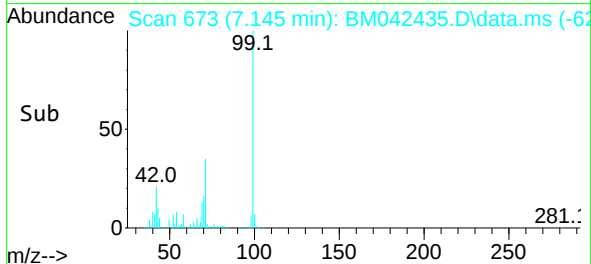
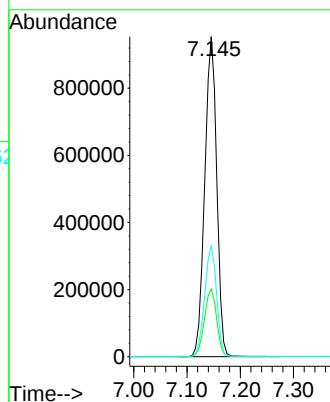
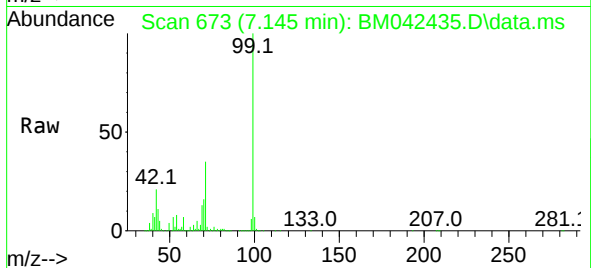




#7
Phenol-d6
Concen: 108.292 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

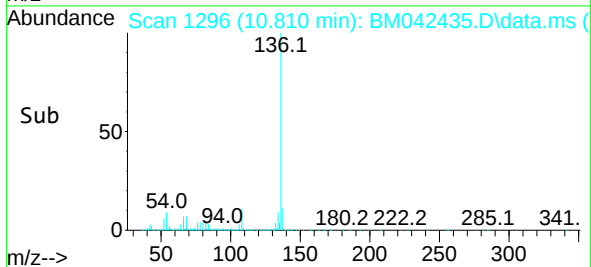
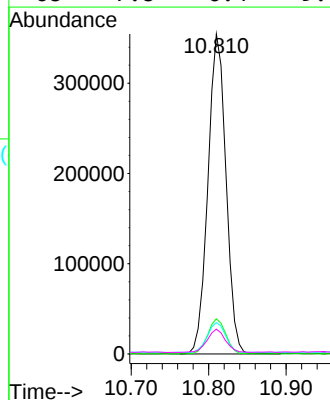
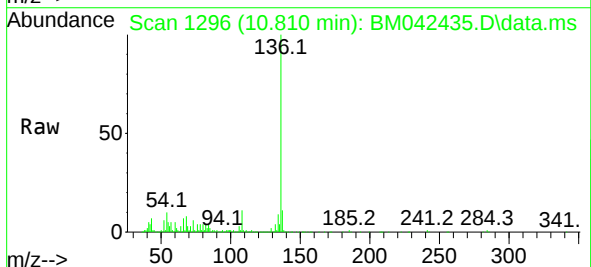
Instrument :
BNA_M
ClientSampleId :
VAUX-SLUDGE

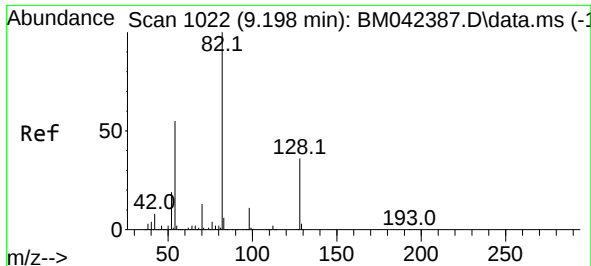
Tgt Ion: 99 Resp: 1488640
Ion Ratio Lower Upper
99 100
42 21.2 18.5 27.7
71 34.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

Tgt Ion:136 Resp: 573444
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.8 8.6 12.8
68 7.8 6.4 9.6

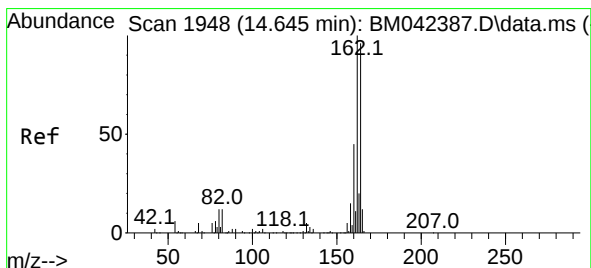
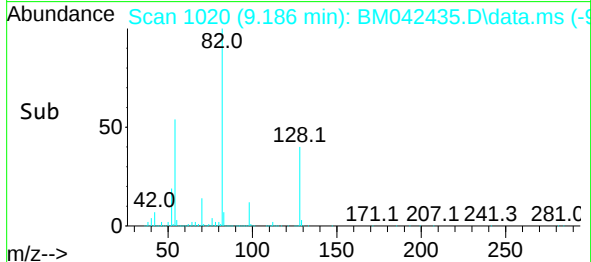
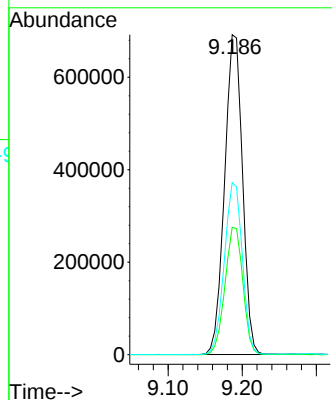
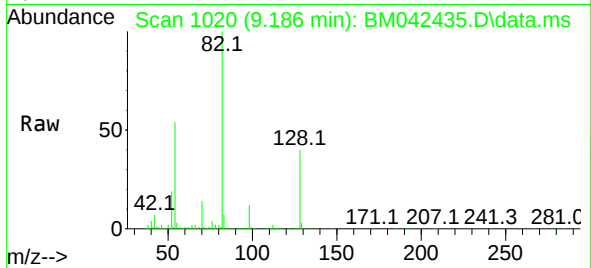




#23
Nitrobenzene-d5
Concen: 89.580 ng
RT: 9.186 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

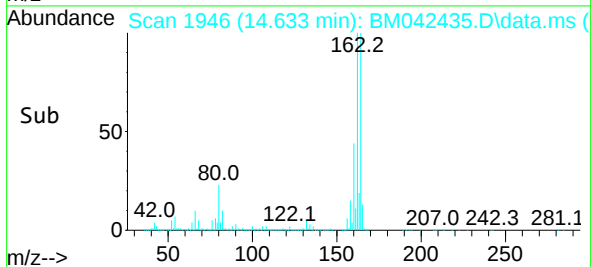
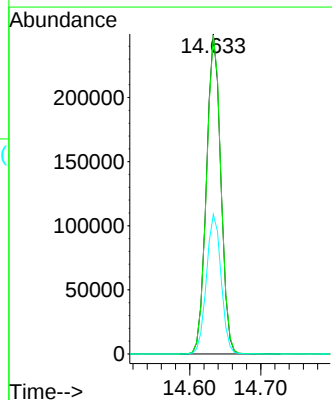
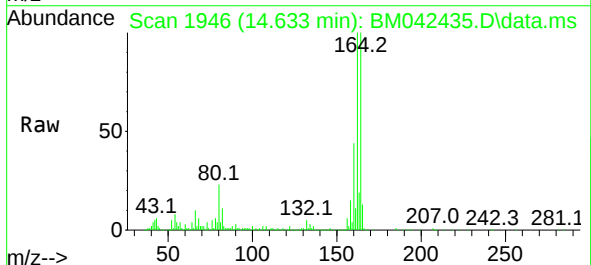
Instrument :
BNA_M
ClientSampleId :
VAUX-SLUDGE

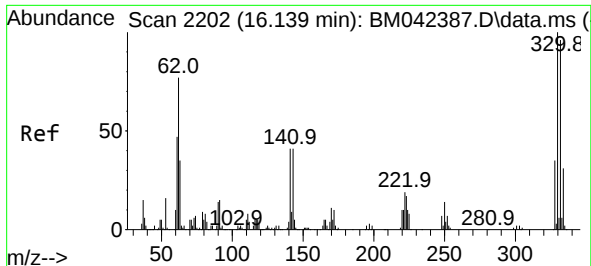
Tgt Ion: 82 Resp: 1161688
Ion Ratio Lower Upper
82 100
128 39.8 29.0 43.6
54 53.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

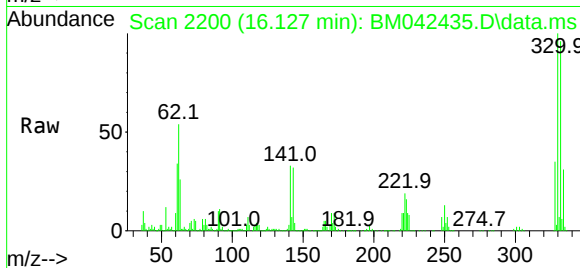
Tgt Ion:164 Resp: 351045
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.4
160 43.6 37.0 55.4



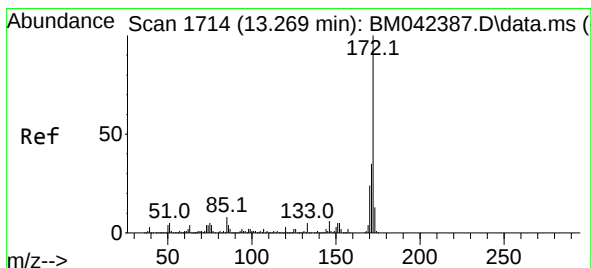
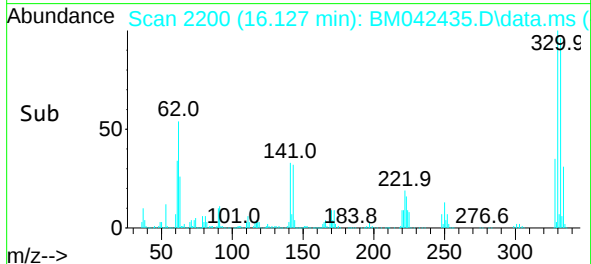
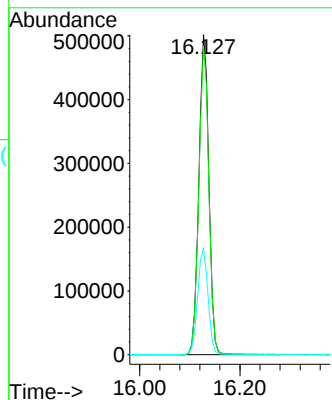


#42
2,4,6-Tribromophenol
Concen: 175.157 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

Instrument :
BNA_M
ClientSampleId :
VAUX-SLUDGE

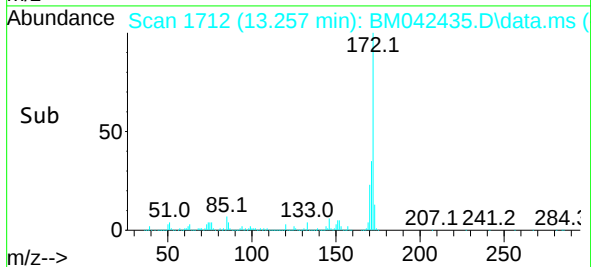
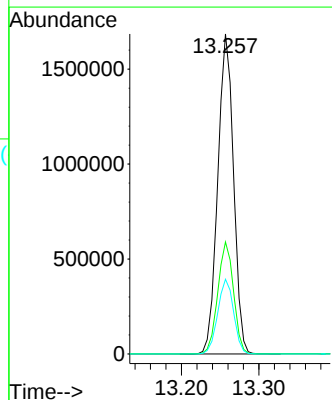
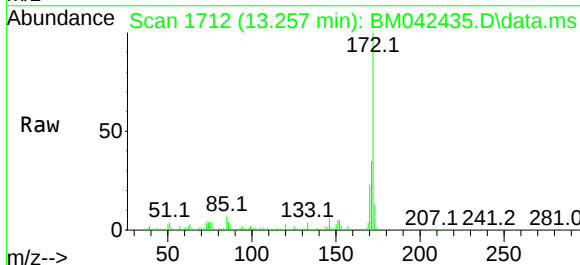


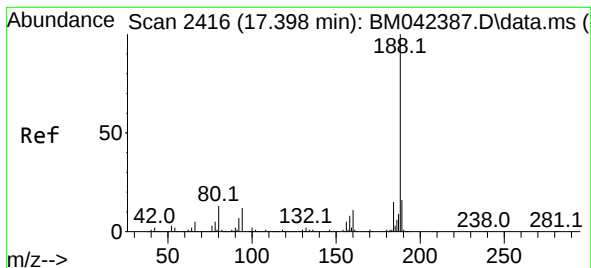
Tgt Ion:330 Resp: 692454
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 34.5 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 91.570 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042435.D
Acq: 25 Oct 2023 13:32

Tgt Ion:172 Resp: 2387121
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BM042435.D

Acq: 25 Oct 2023 13:32

Instrument :

BNA_M

ClientSampleId :

VAUX-SLUDGE

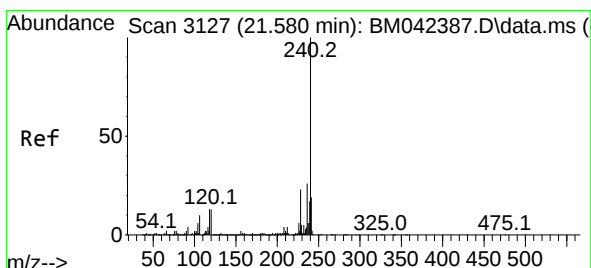
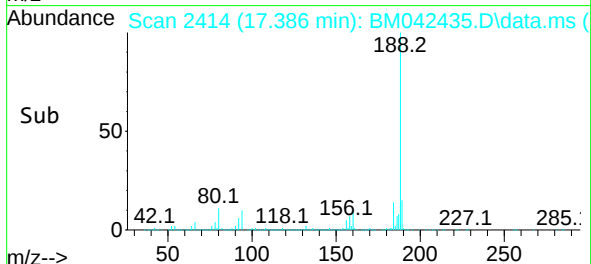
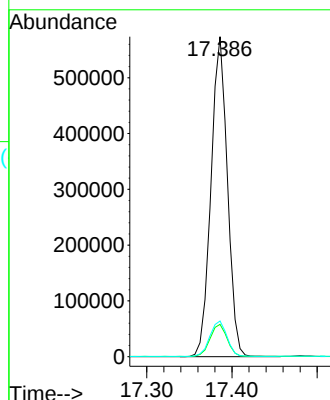
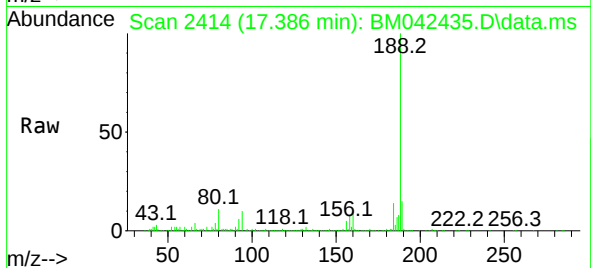
Tgt Ion:188 Resp: 767913

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.0

80 11.2 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM042435.D

Acq: 25 Oct 2023 13:32

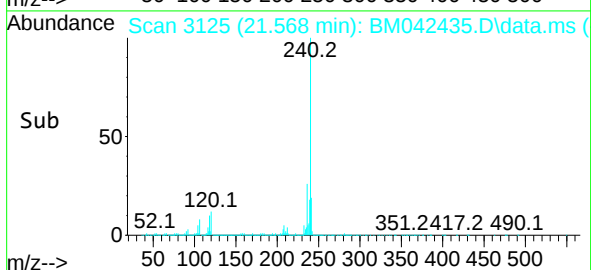
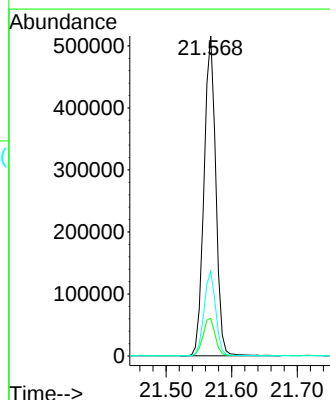
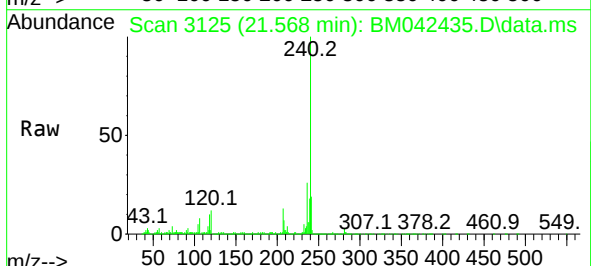
Tgt Ion:240 Resp: 645401

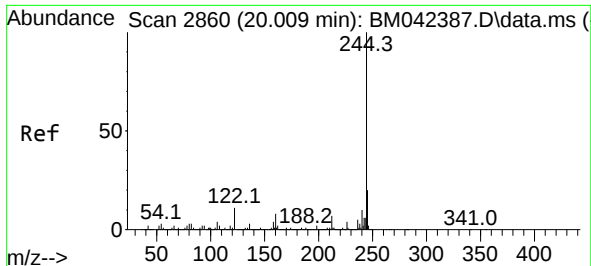
Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 26.5 20.7 31.1

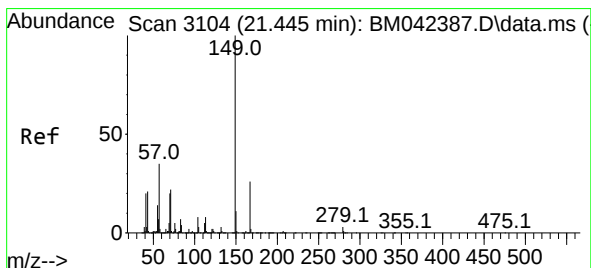
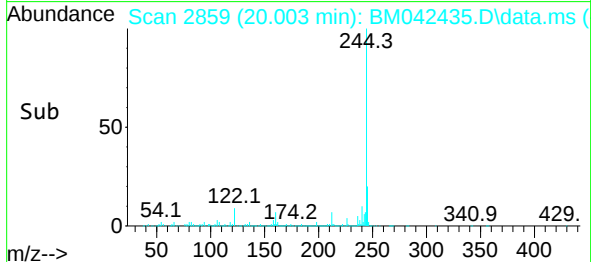
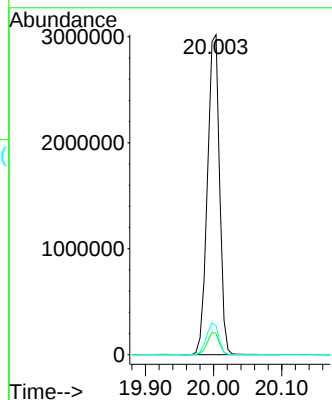
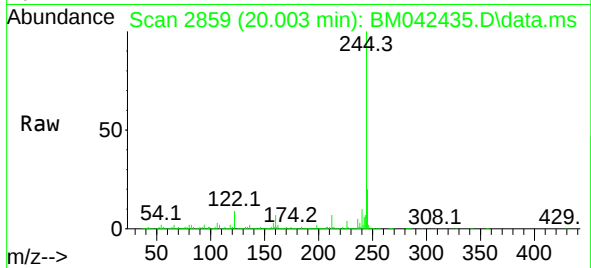




#79
 Terphenyl-d14
 Concen: 102.468 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042435.D
 Acq: 25 Oct 2023 13:32

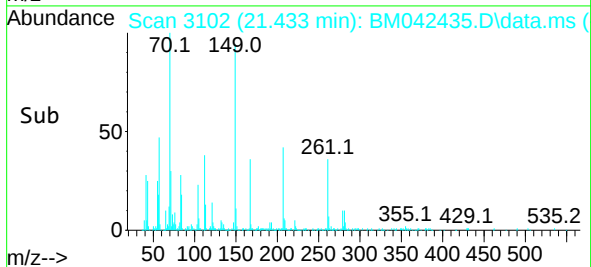
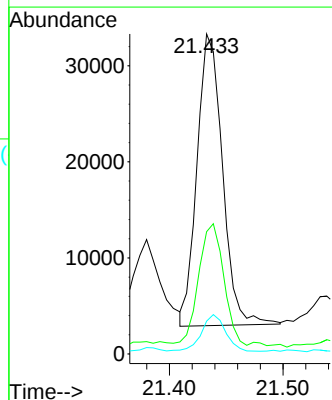
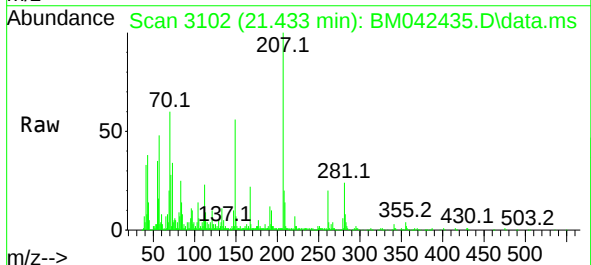
Instrument :
 BNA_M
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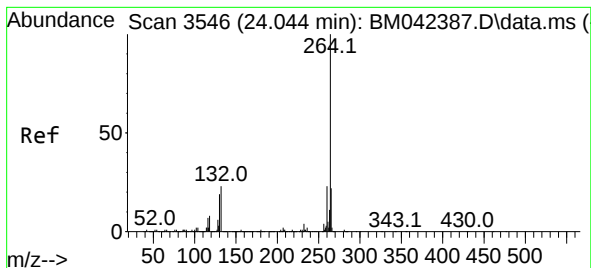
Tgt Ion:244 Resp: 3728956
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.1 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.882 ng
 RT: 21.433 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM042435.D
 Acq: 25 Oct 2023 13:32

Tgt Ion:149 Resp: 47313
 Ion Ratio Lower Upper
 149 100
 167 38.2 20.9 31.3#
 279 10.3 2.7 4.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042435.D

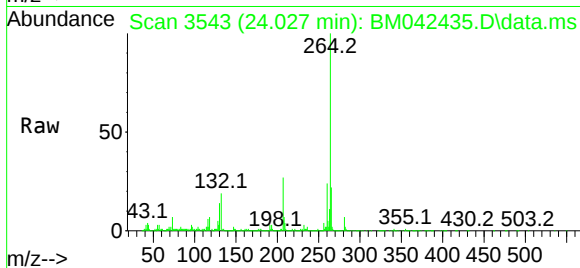
Acq: 25 Oct 2023 13:32

Instrument :

BNA_M

ClientSampleId :

VAUX-SLUDGE



Tgt Ion:264 Resp: 685376

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.0 17.8 26.8

