

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019903.D
 Acq On : 27 Feb 2024 18:50
 Operator : MA/JU
 Sample : P1538-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20241105-AMENDED-COMPOSITE-35N-N-4-04

Quant Time: Feb 28 00:58:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	97079	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	388455	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	286261	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	647570	20.000	ng	0.00
76) Chrysene-d12	21.398	240	554334	20.000	ng	-0.01
86) Perylene-d12	23.816	264	487589	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	119466	20.199	ng	0.00
7) Phenol-d6	7.069	99	307204	34.886	ng	0.00
23) Nitrobenzene-d5	9.069	82	472514	49.107	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	39294	8.005	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1037717	48.979	ng	0.00
79) Terphenyl-d14	19.869	244	2026318	57.615	ng	-0.01

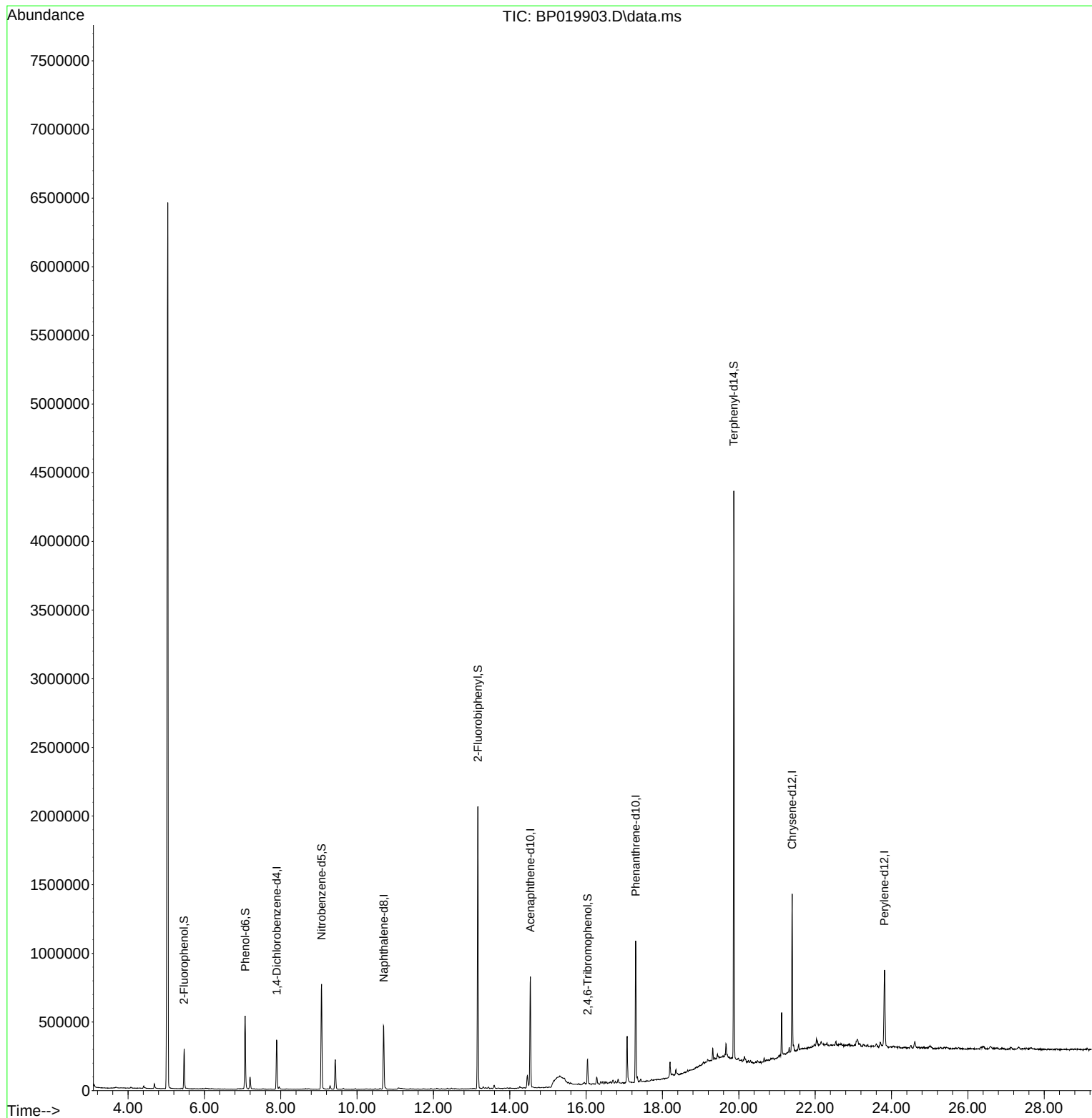
Target Compounds	Qvalue

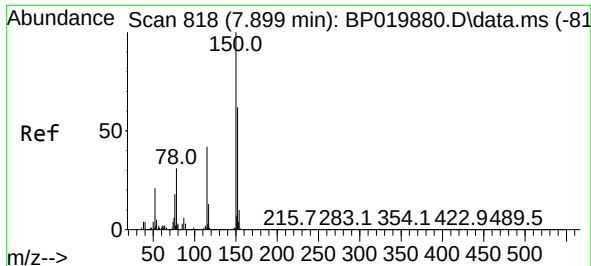
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP019903.D
Acq: 27 Feb 2024 18:50

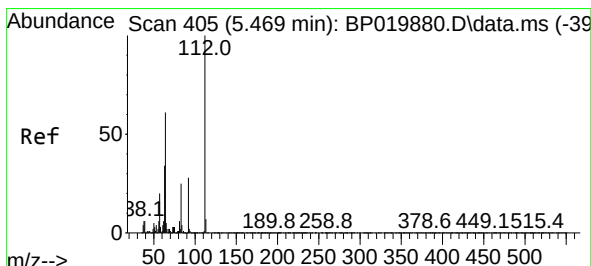
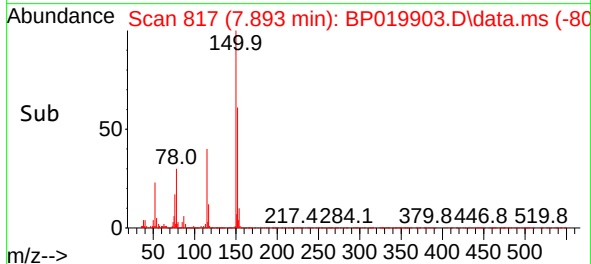
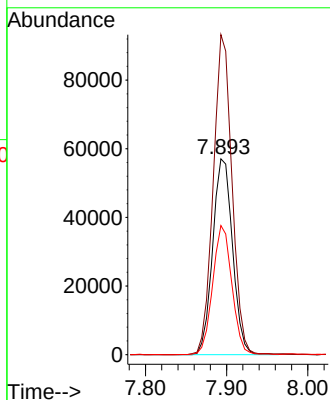
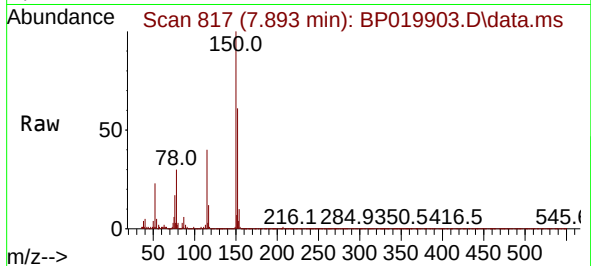
Instrument :

BNA_P

ClientSampleId :

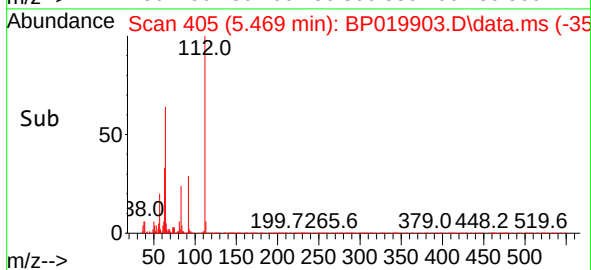
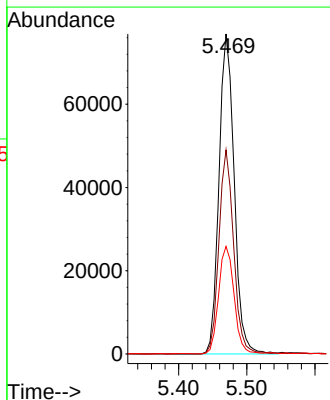
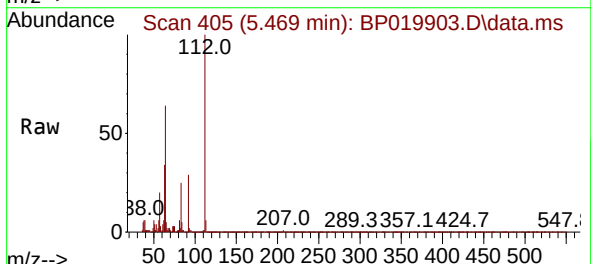
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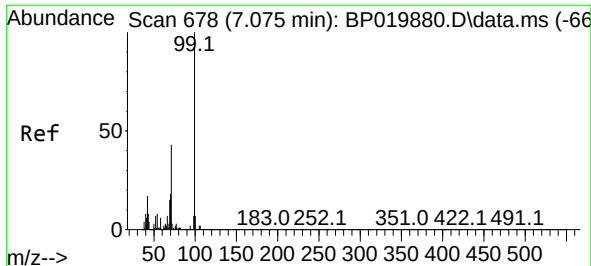
Tgt Ion:152 Resp: 97079
Ion Ratio Lower Upper
152 100
150 163.4 128.6 192.8
115 65.9 53.4 80.2



#5
2-Fluorophenol
Concen: 20.199 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019903.D
Acq: 27 Feb 2024 18:50

Tgt Ion:112 Resp: 119466
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 33.6 27.6 41.4





#7

Phenol-d6

Concen: 34.886 ng

RT: 7.069 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP019903.D

Acq: 27 Feb 2024 18:50

Instrument :

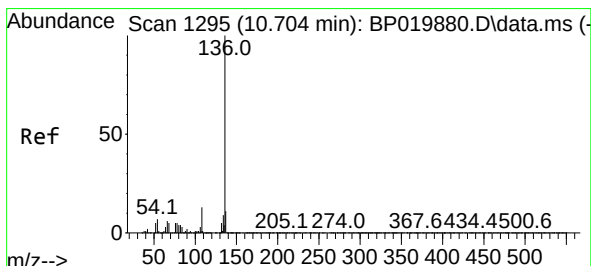
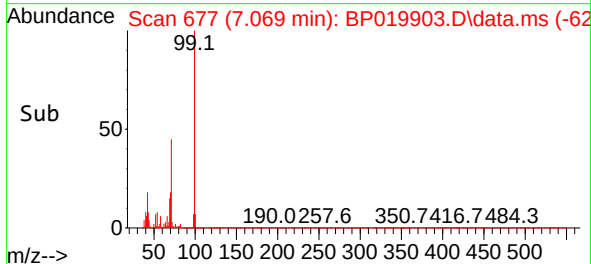
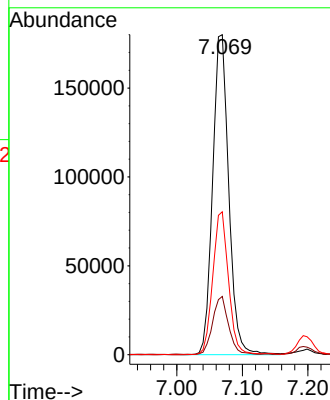
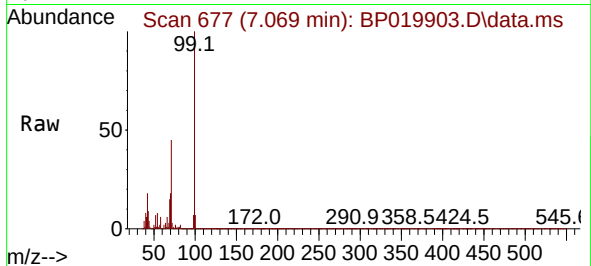
BNA_P

ClientSampleId :

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Tgt Ion: 99 Resp: 307204

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.8	20.8
71	44.7	34.5	51.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.699 min Scan# 1294

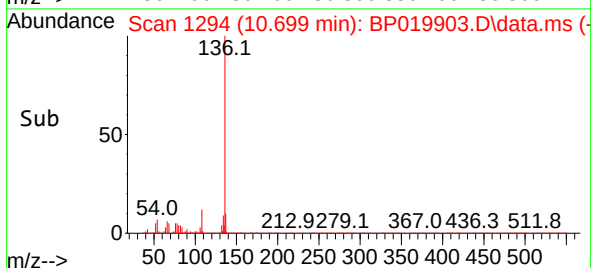
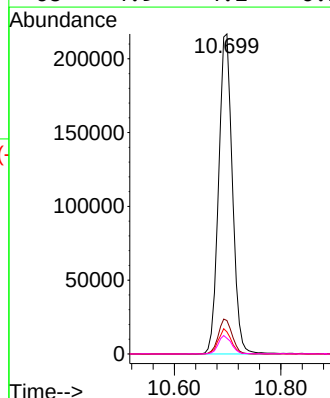
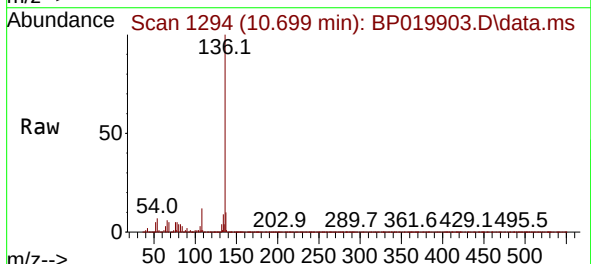
Delta R.T. -0.006 min

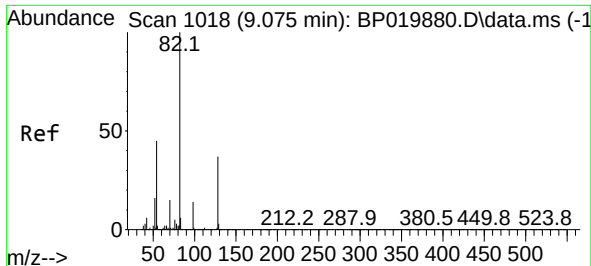
Lab File: BP019903.D

Acq: 27 Feb 2024 18:50

Tgt Ion:136 Resp: 388455

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.9	6.0	9.0
68	4.9	4.2	6.2





#23
Nitrobenzene-d5
Concen: 49.107 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019903.D
Acq: 27 Feb 2024 18:50

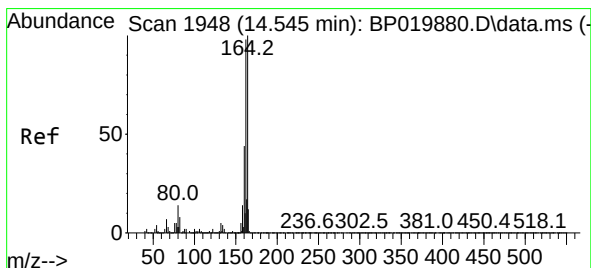
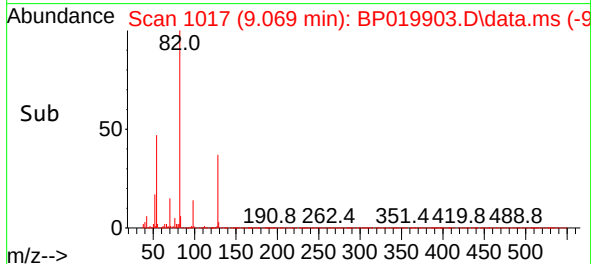
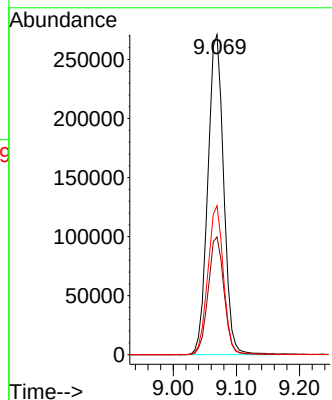
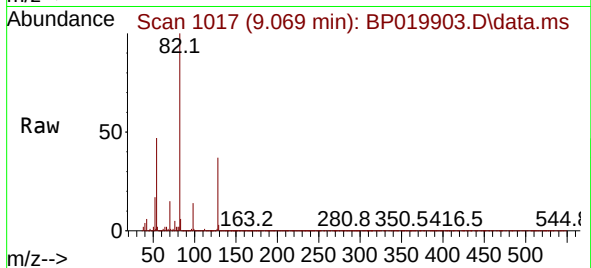
Instrument :

BNA_P

ClientSampleId :

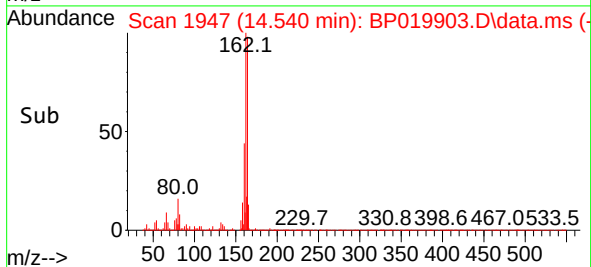
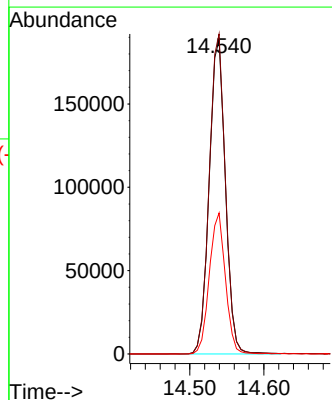
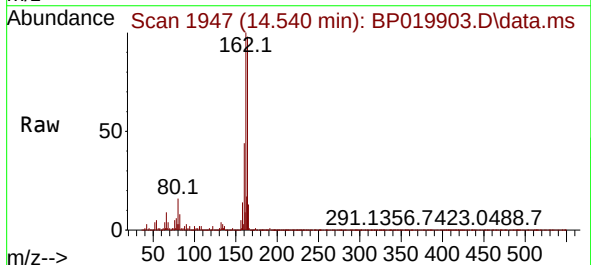
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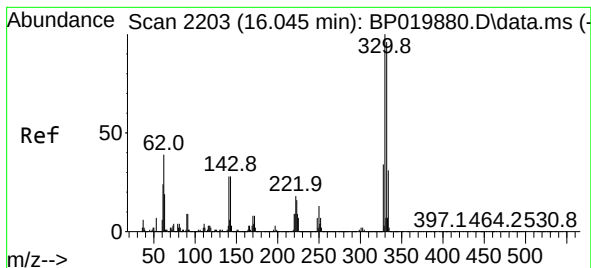
Tgt Ion: 82 Resp: 472514
Ion Ratio Lower Upper
82 100
128 36.8 29.6 44.4
54 46.6 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019903.D
Acq: 27 Feb 2024 18:50

Tgt Ion: 164 Resp: 286261
Ion Ratio Lower Upper
164 100
162 101.8 78.1 117.1
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 8.005 ng

RT: 16.040 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019903.D

Acq: 27 Feb 2024 18:50

Instrument :

BNA_P

ClientSampleId :

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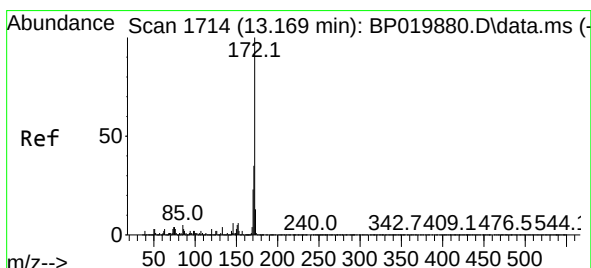
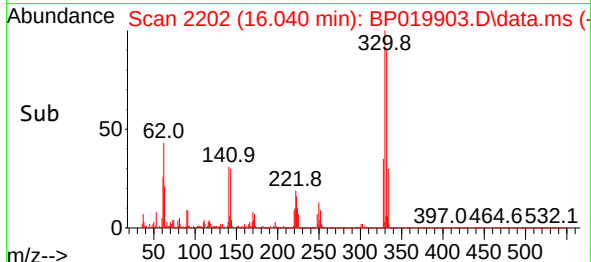
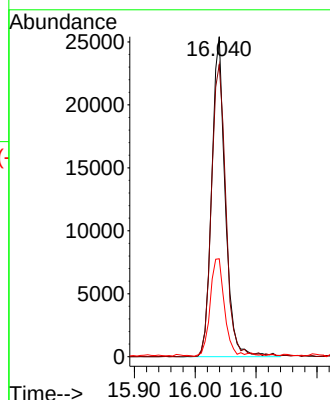
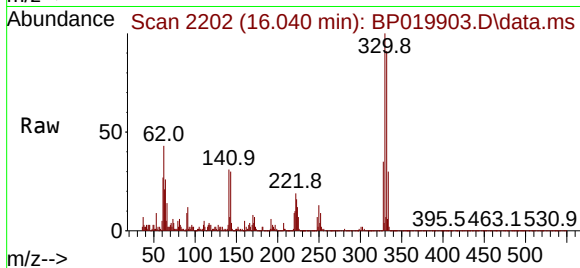
Tgt Ion:330 Resp: 39294

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 32.1 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 48.979 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019903.D

Acq: 27 Feb 2024 18:50

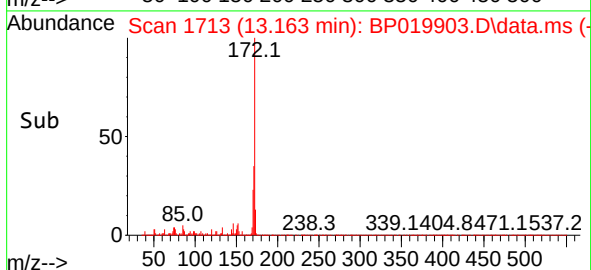
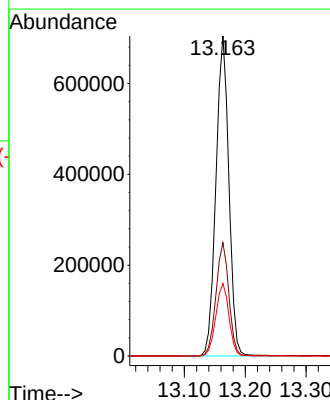
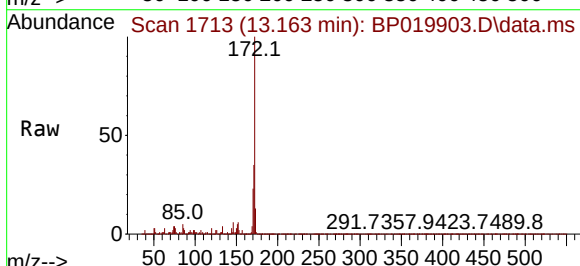
Tgt Ion:172 Resp: 1037717

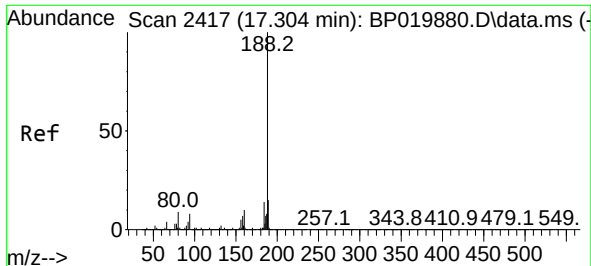
Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 22.7 18.4 27.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019903.D
Acq: 27 Feb 2024 18:50

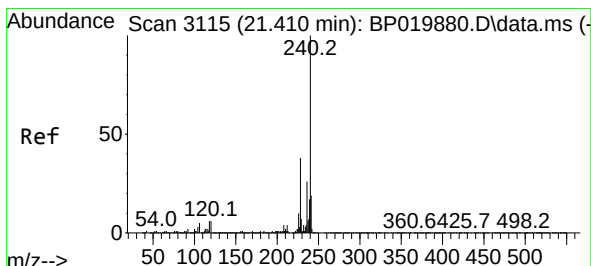
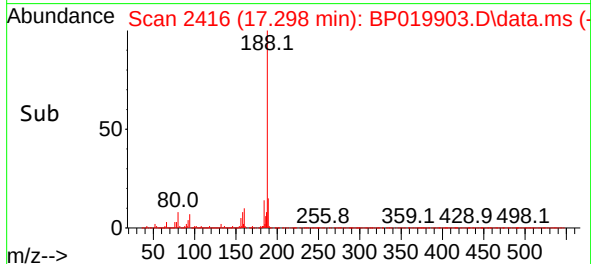
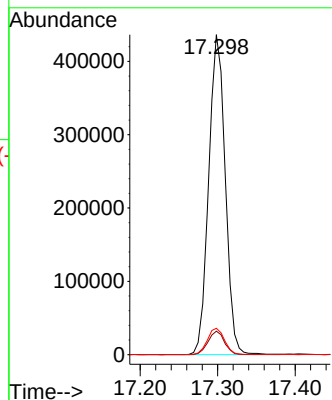
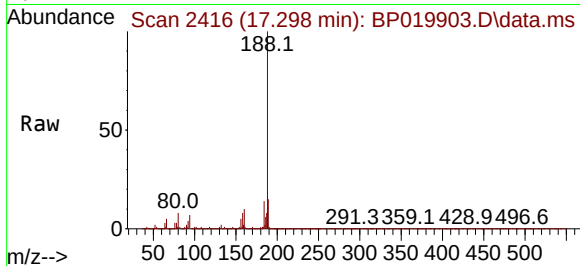
Instrument :

BNA_P

ClientSampleId :

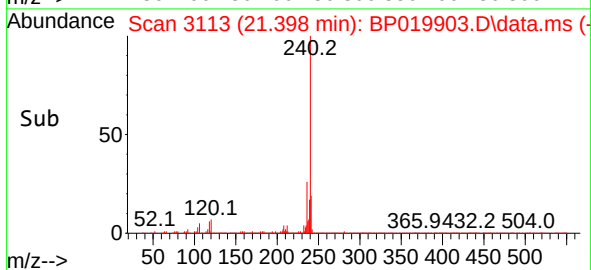
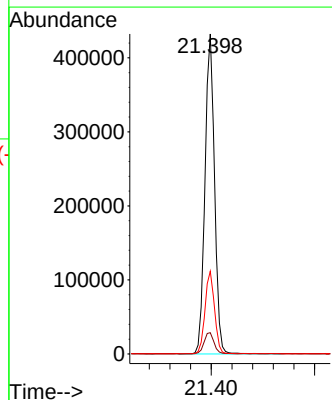
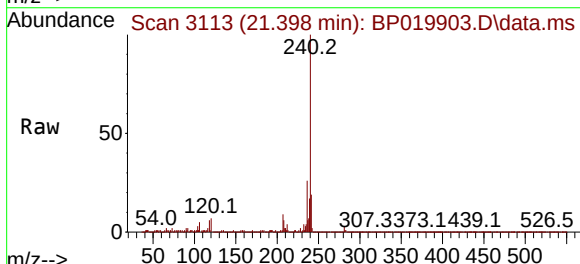
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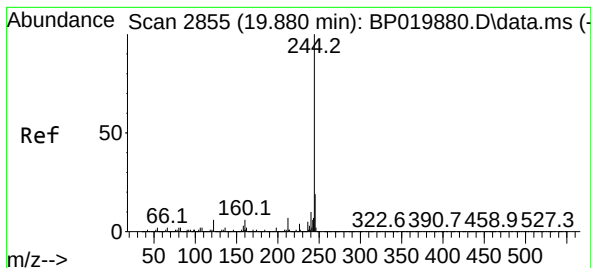
Tgt Ion:188 Resp: 647570
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.4
80 8.2 7.0 10.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP019903.D
Acq: 27 Feb 2024 18:50

Tgt Ion:240 Resp: 554334
Ion Ratio Lower Upper
240 100
120 6.6 5.1 7.7
236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 57.615 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019903.D

Acq: 27 Feb 2024 18:50

Instrument :

BNA_P

ClientSampleId :

20241105-AMENDED-COMPOSITE-35N-N-4-04

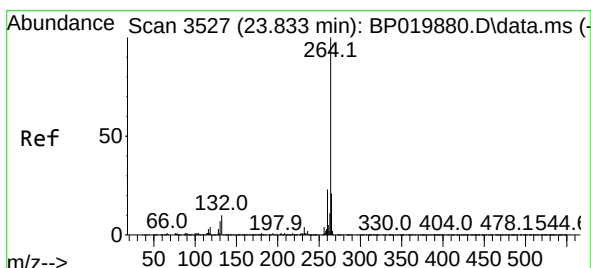
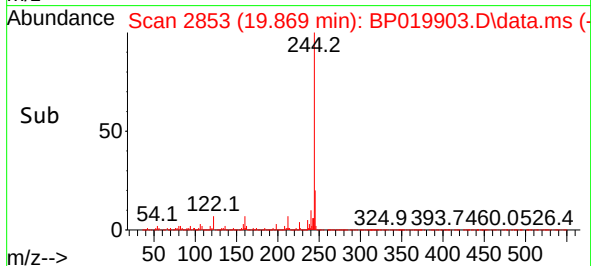
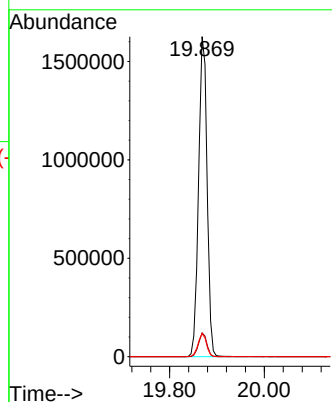
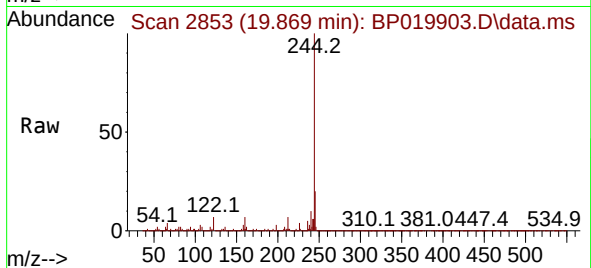
Tgt Ion:244 Resp: 2026318

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 7.3 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. -0.018 min

Lab File: BP019903.D

Acq: 27 Feb 2024 18:50

Tgt Ion:264 Resp: 487589

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.1 17.4 26.2

