Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
Data File : BM047408.D
Acq On : 30 Aug 2024 16:20
Operator : RC/JU
Sample : P3799-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

Quant Time: Aug 30 16:57:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	227631	20.000	ng	0.00
21) Naphthalene-d8	10.099	136	834368	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	555258	20.000	ng	0.00
64) Phenanthrene-d10	16.775	188	1109867	20.000	ng	0.00
76) Chrysene-d12	21.021	240	880893	20.000	ng	0.00
86) Perylene-d12	23.715	264	955127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.005	112	1071363	90.298	ng	0.00
7) Phenol-d6	6.569	99	1409789	87.224	ng	0.00
23) Nitrobenzene-d5	8.493	82	925915	61.574	ng	0.00
42) 2,4,6-Tribromophenol	15.522	330	538952	80.451	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2035327	56.321	ng	0.00
79) Terphenyl-d14	19.439	244	2782599	56.226	ng	0.00
Target Compounds						Qvalue

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

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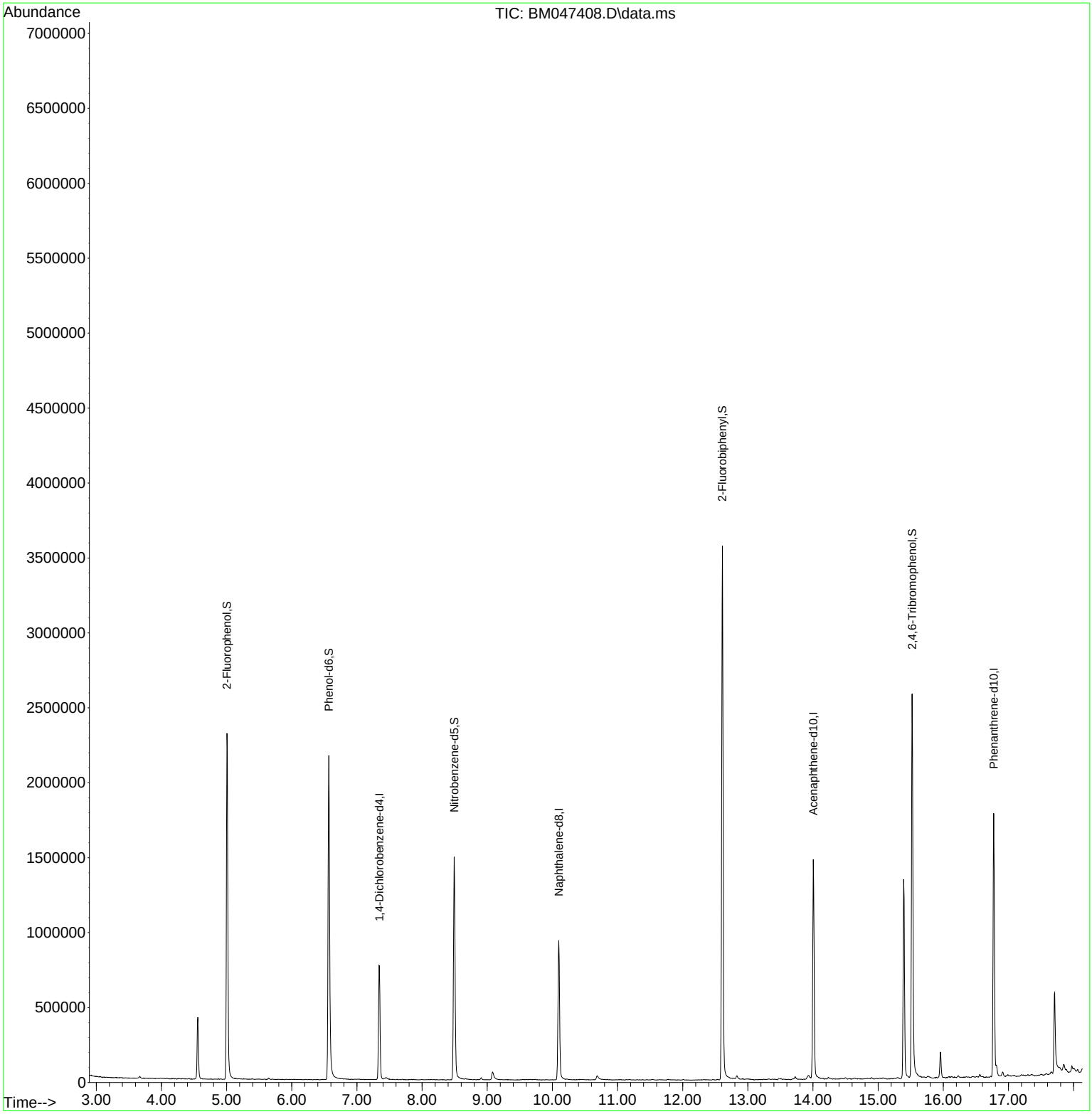

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
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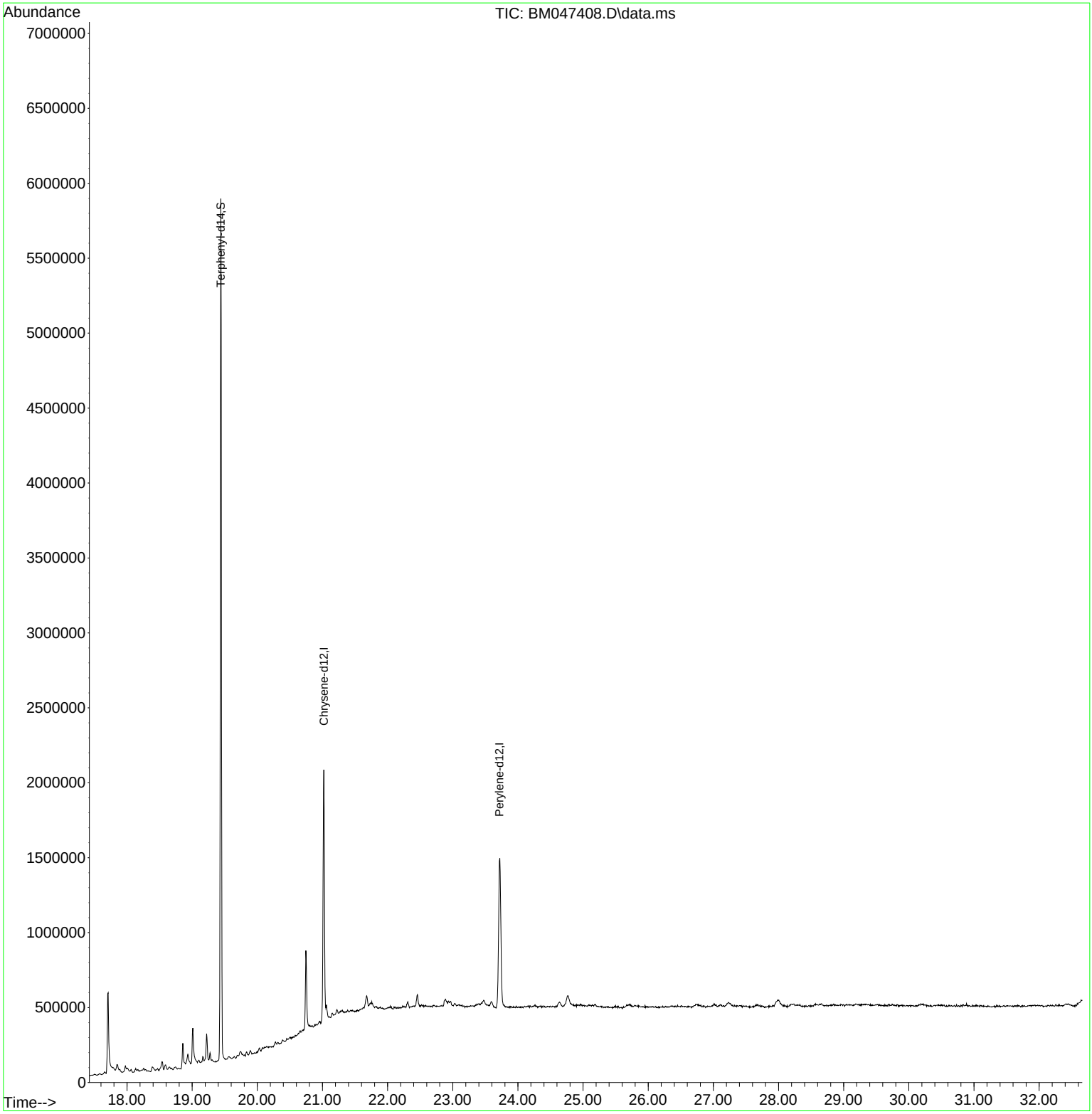
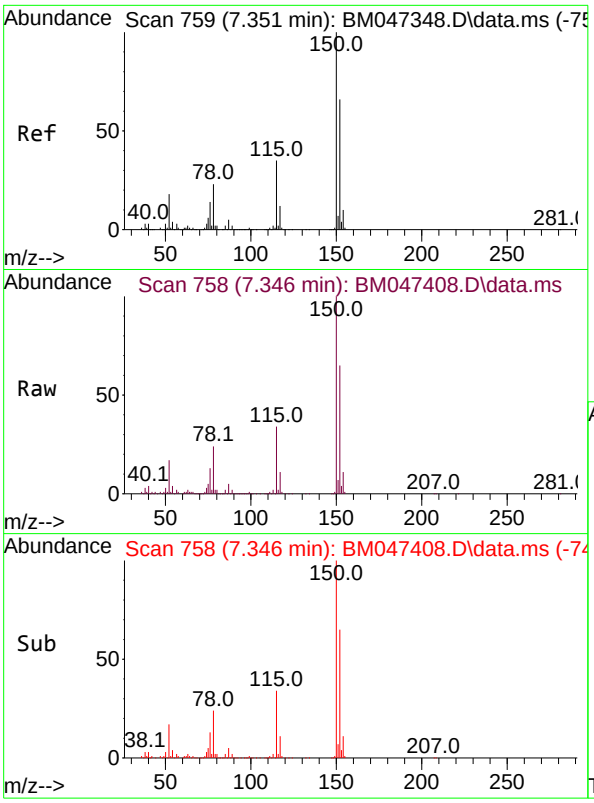


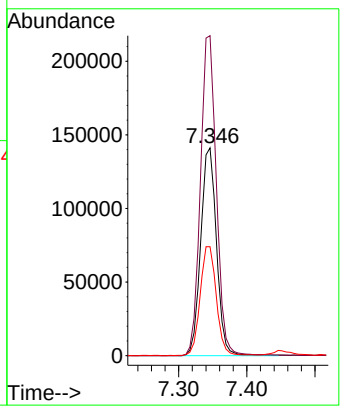


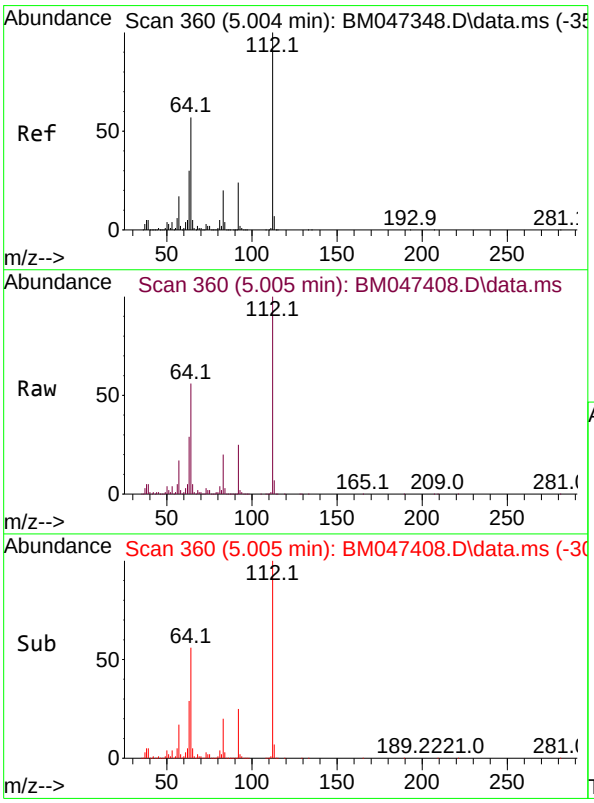
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.346 min Scan# 7
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

Tgt Ion:152 Resp: 227631

Ion	Ratio	Lower	Upper
152	100		
150	154.0	121.3	181.9
115	52.5	42.6	64.0

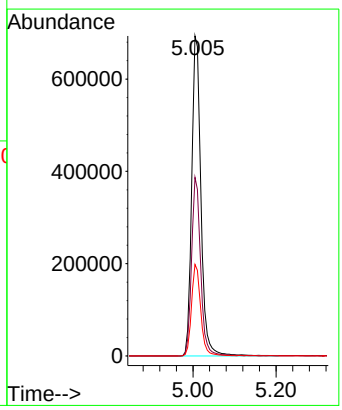


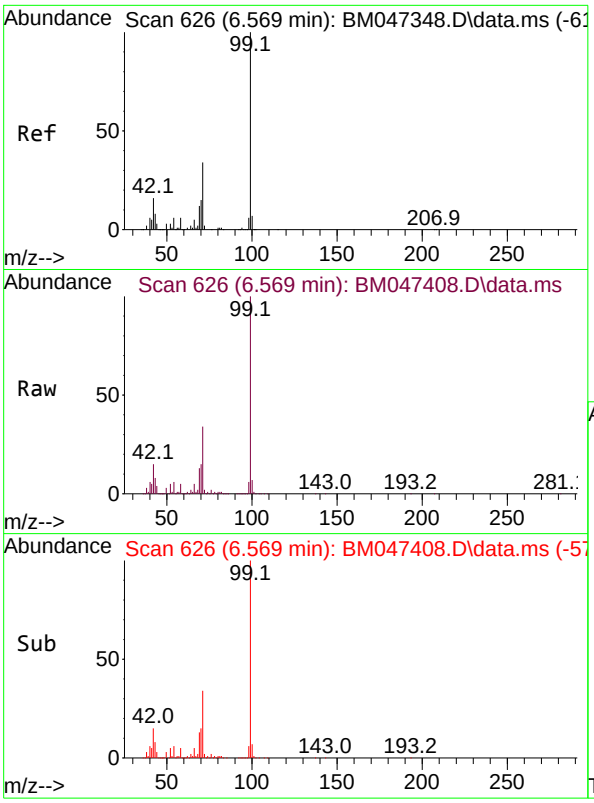


#5
2-Fluorophenol
Concen: 90.298 ng
RT: 5.005 min Scan# 360
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:112 Resp: 1071363

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	28.6	23.8	35.8



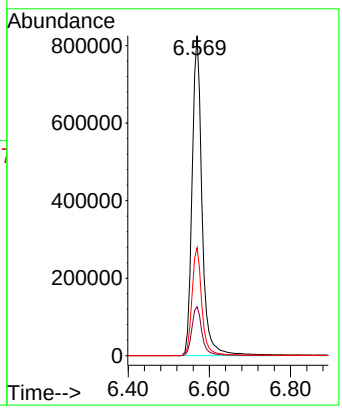


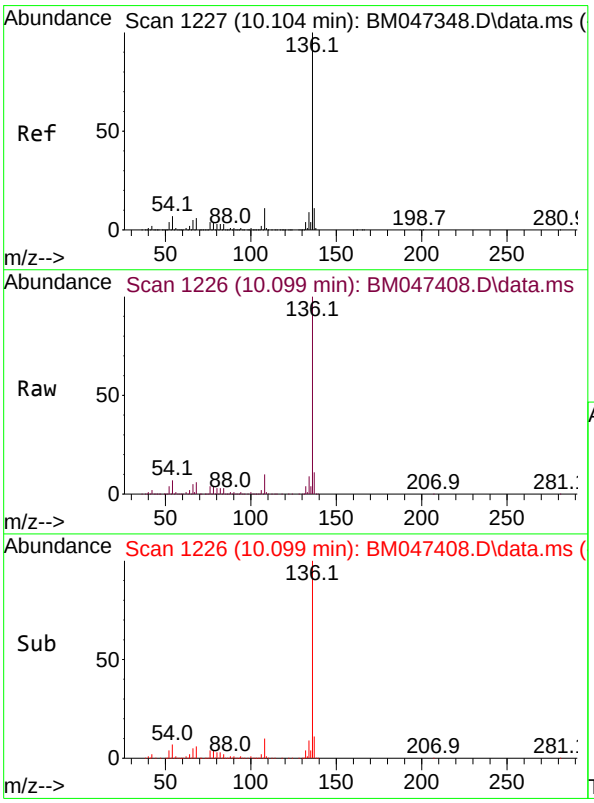
#7
Phenol-d6
Concen: 87.224 ng
RT: 6.569 min Scan# 6
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

Tgt Ion: 99 Resp: 1409789

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.0	19.4
71	33.8	27.5	41.3

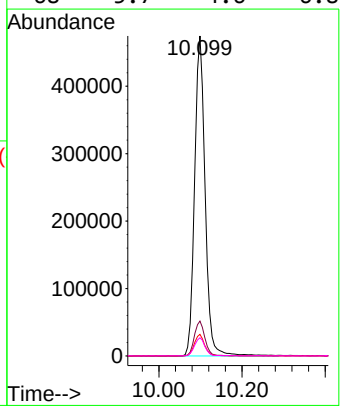


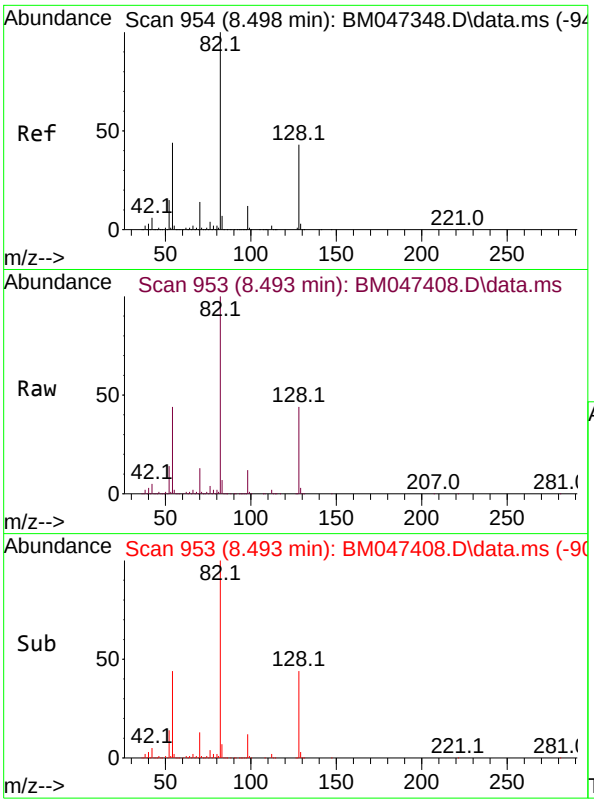


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.099 min Scan# 1226
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:136 Resp: 834368

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.2	7.8
68	5.7	4.6	6.8



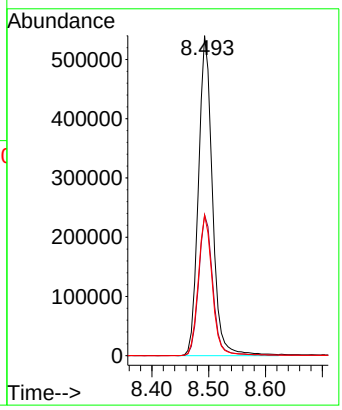


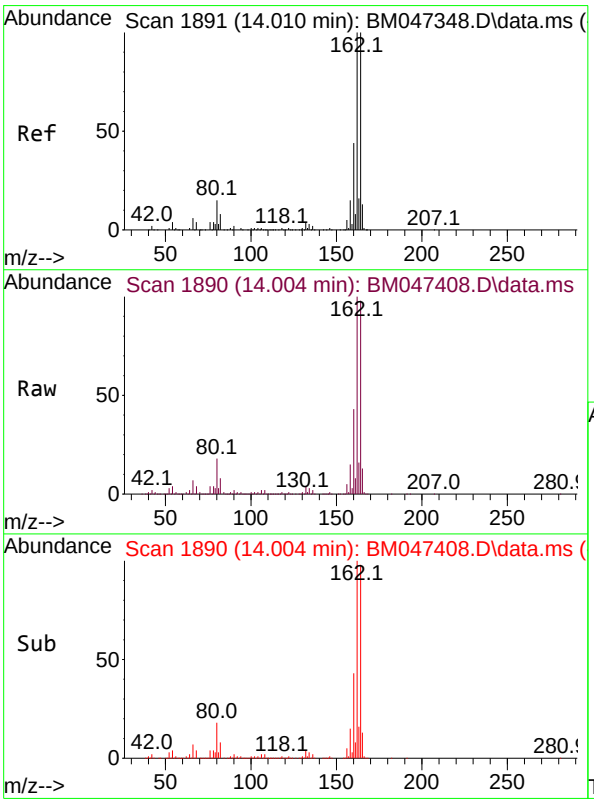
#23
Nitrobenzene-d5
Concen: 61.574 ng
RT: 8.493 min Scan# 9
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

Tgt Ion: 82 Resp: 925915

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	43.9	35.5	53.3

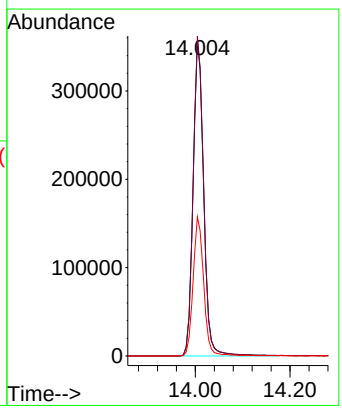


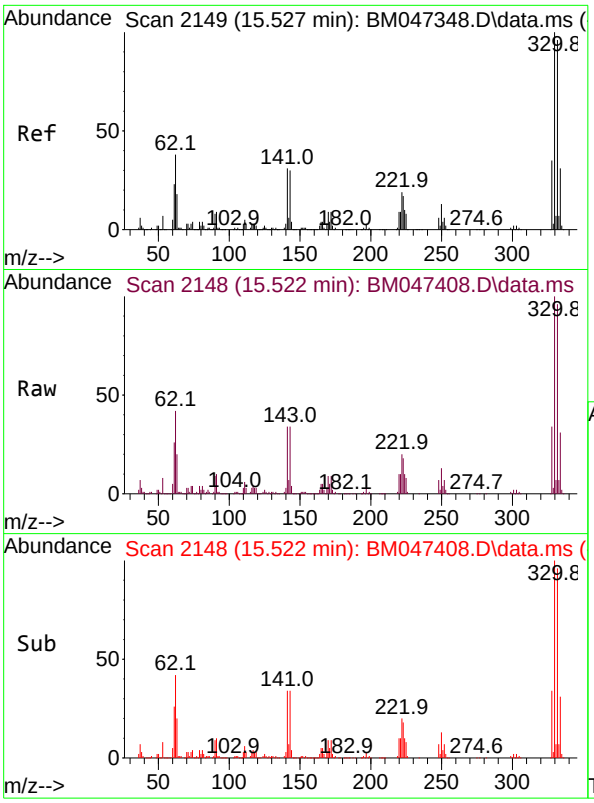


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:164 Resp: 555258

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.7	119.5
160	44.2	34.9	52.3



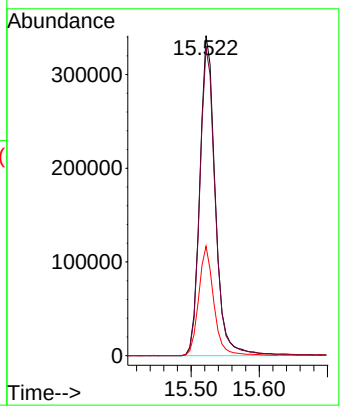


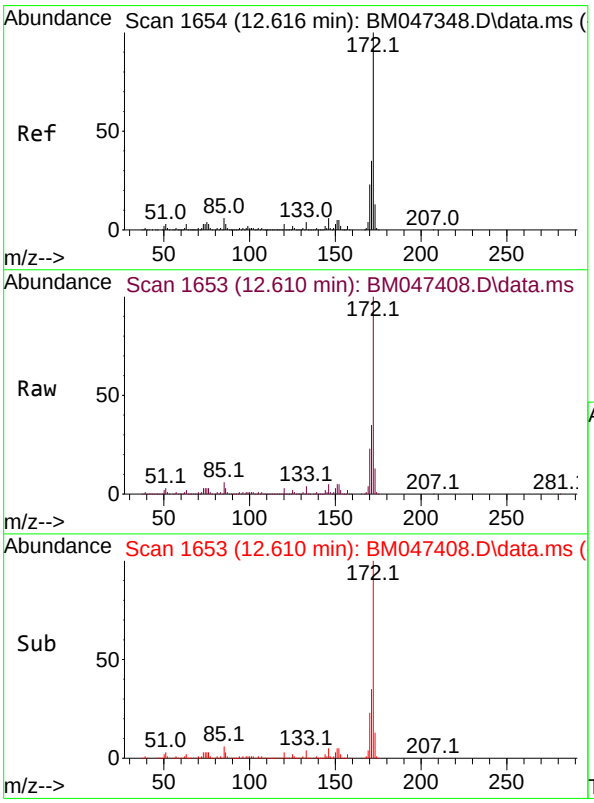
#42
2,4,6-Tribromophenol
Concen: 80.451 ng
RT: 15.522 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

Tgt Ion:330 Resp: 538952

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.2	115.8
141	34.0	27.6	41.4

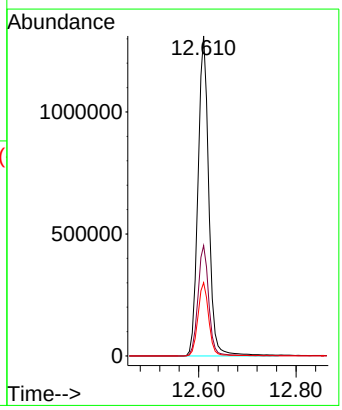


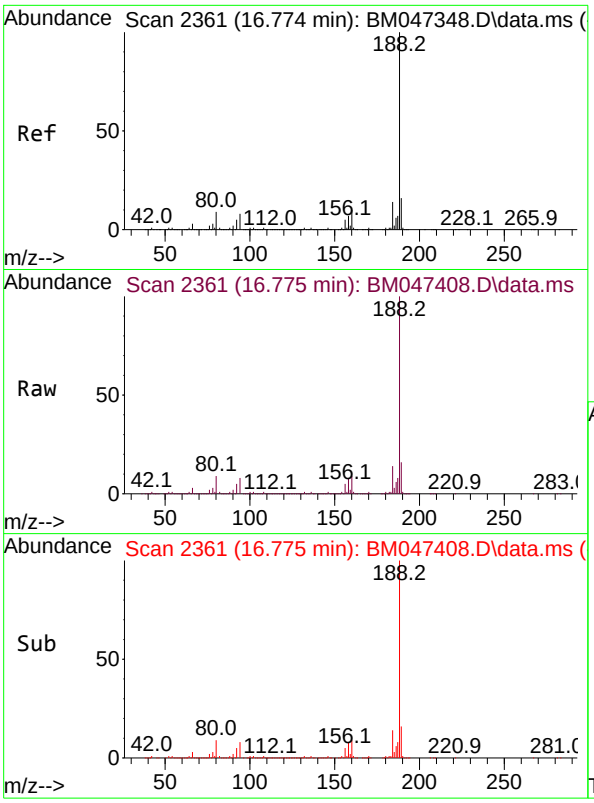


#45
2-Fluorobiphenyl
Concen: 56.321 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:172 Resp: 2035327

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	22.9	18.5	27.7



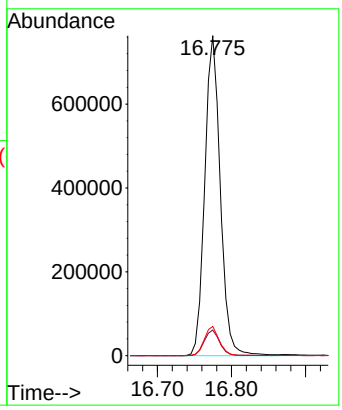


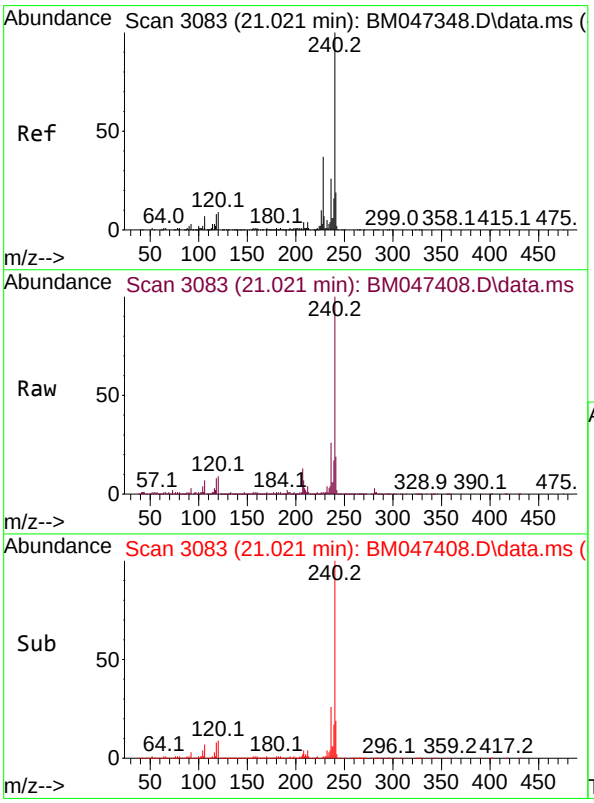
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.775 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

Tgt Ion:188 Resp: 1109867

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	9.1	7.4	11.2

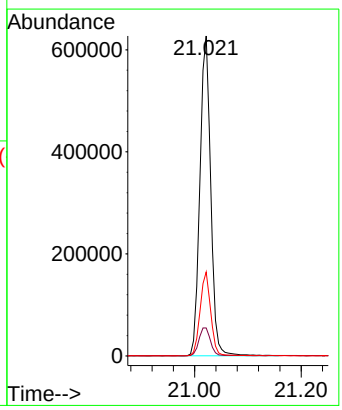


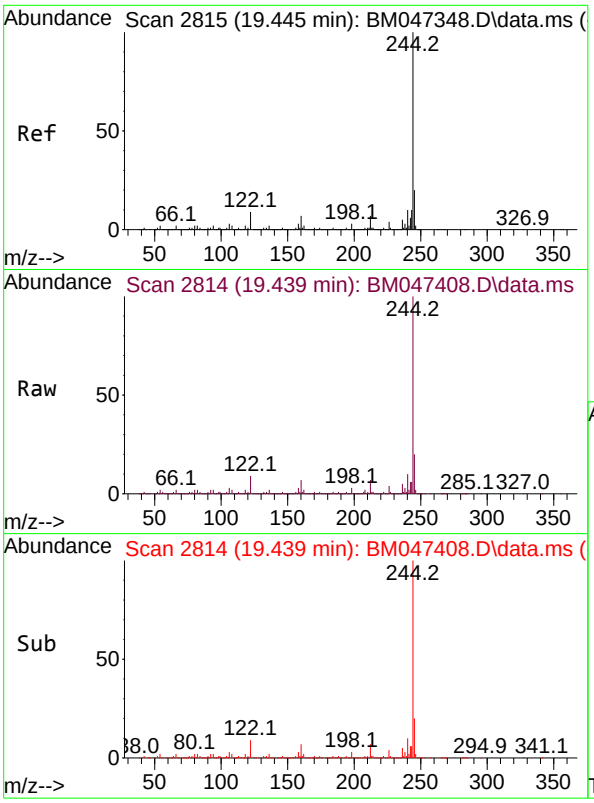


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:240 Resp: 880893

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.4	11.0
236	26.3	20.8	31.2



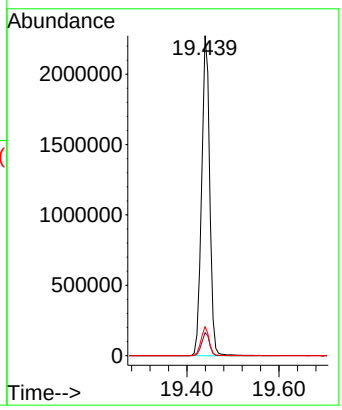


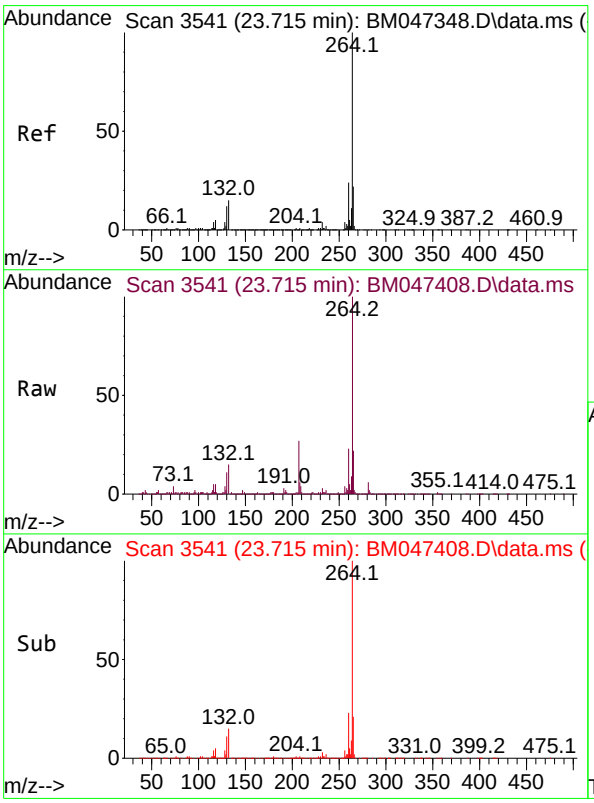
#79
Terphenyl-d14
Concen: 56.226 ng
RT: 19.439 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

Tgt Ion:244 Resp: 2782599

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:264 Resp: 955127

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	22.0	17.8	26.6