Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
Data File : BM047433.D
Acq On : 04 Sep 2024 11:11
Operator : RC/JU
Sample : PB163106BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163106BL

Quant Time: Sep 04 12:09:16 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	7.340	152	304859	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	1135119	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	797318	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1718132	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1439259	20.000	ng	0.00
86) Perylene-d12	23.733	264	1377596	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1945157	122.414	ng	0.00
7) Phenol-d6	6.575	99	2489398	115.003	ng	0.00
23) Nitrobenzene-d5	8.498	82	1622200	79.295	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1201260	124.877	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	4121251	79.420	ng	0.00
79) Terphenyl-d14	19.445	244	6830713	84.477	ng	0.00
Target Compounds						Qvalue

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

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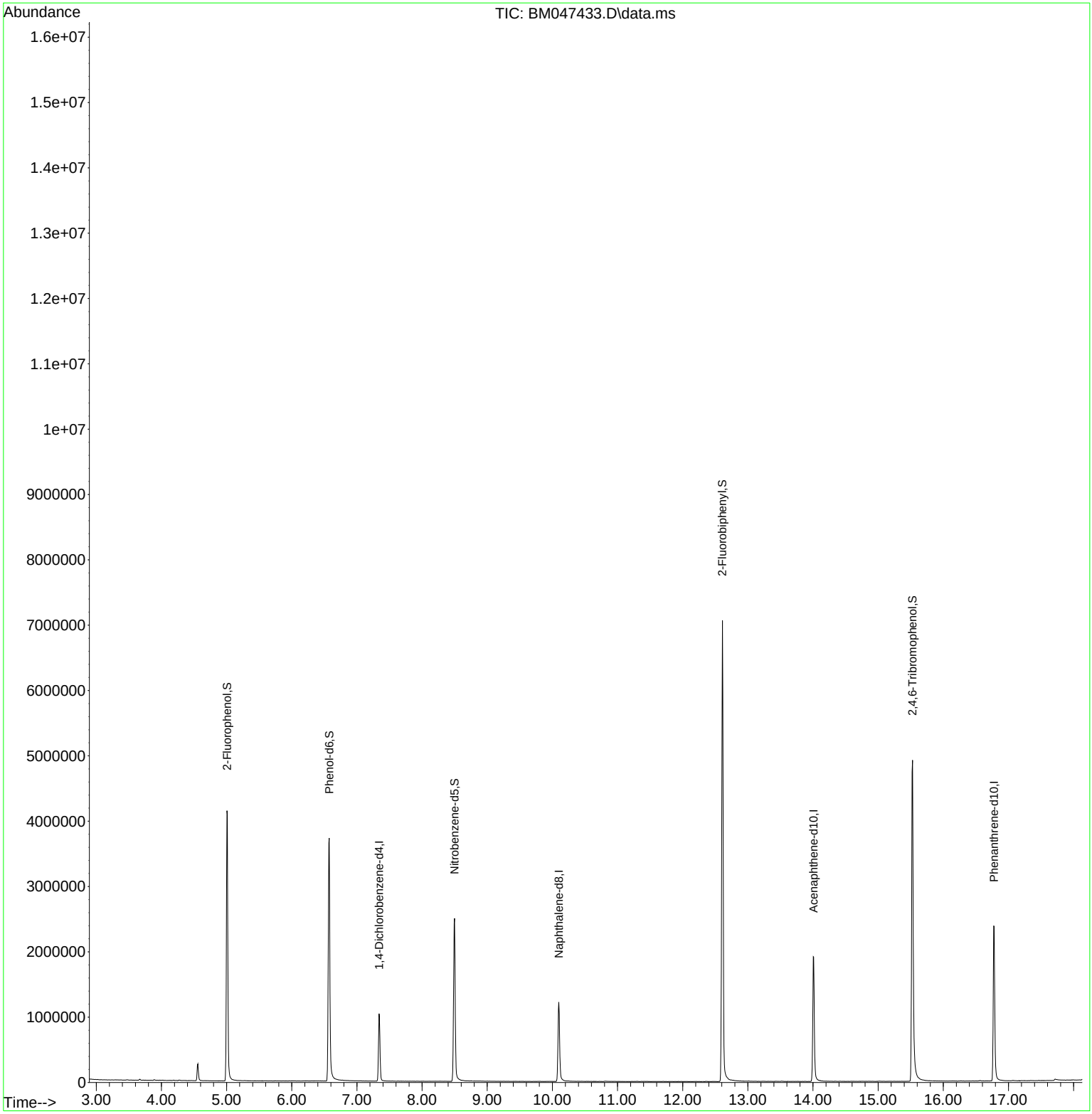

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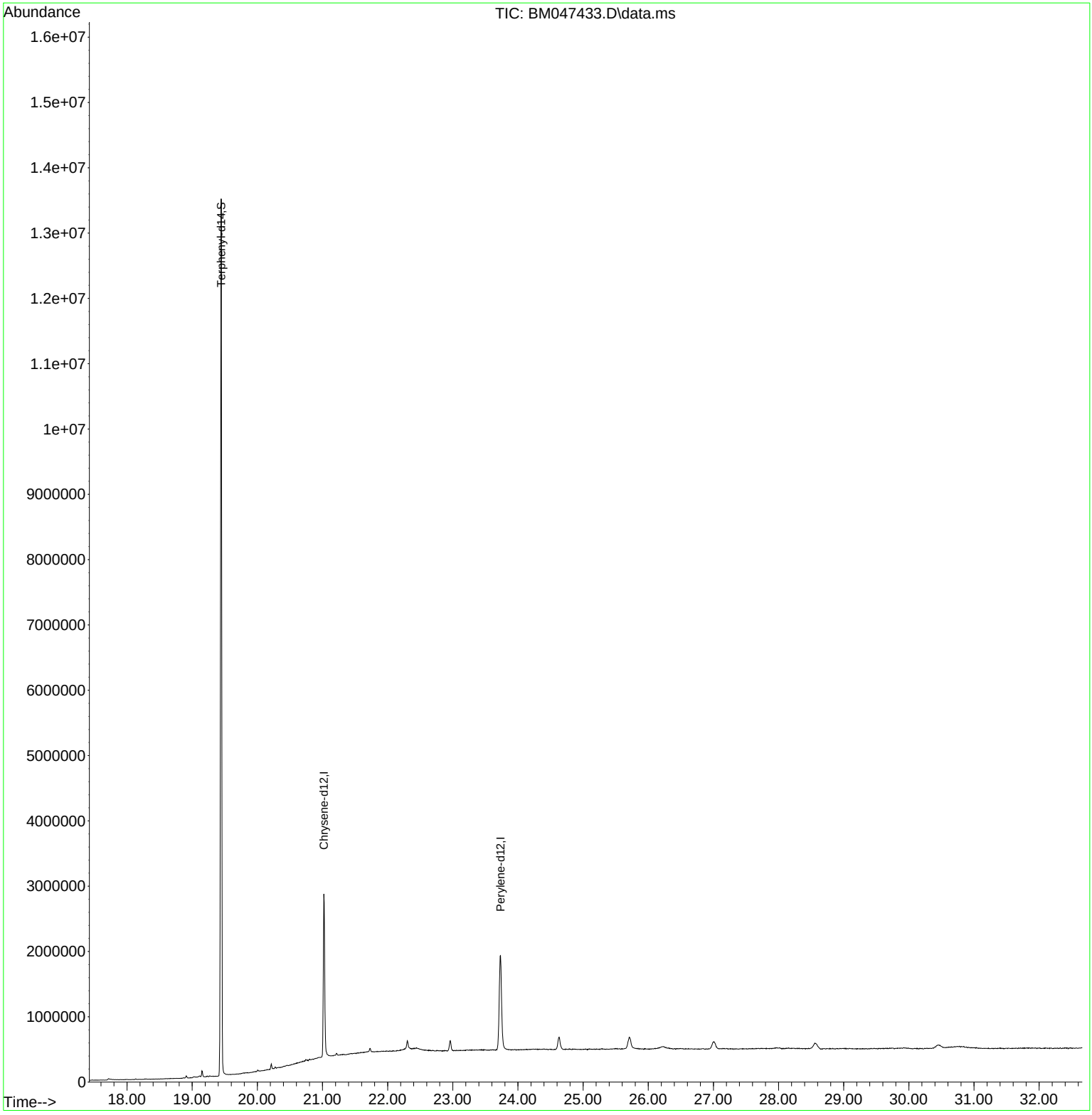
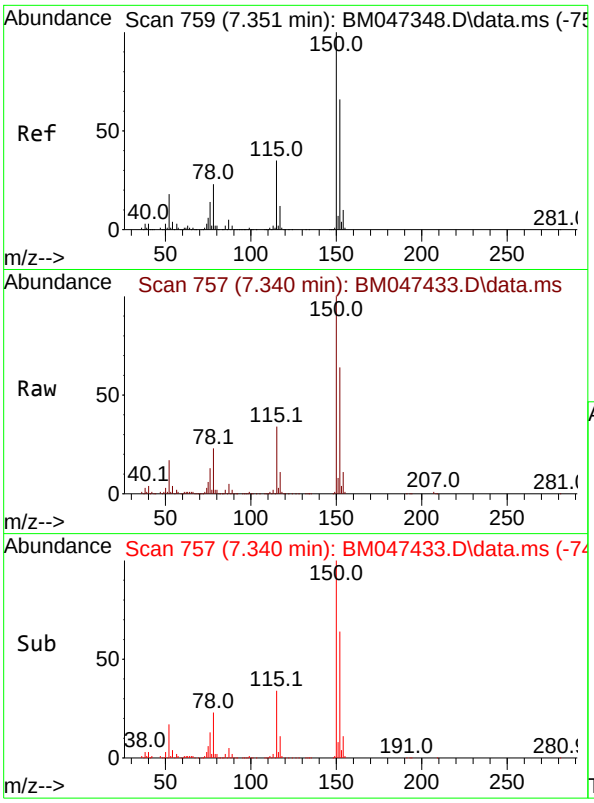


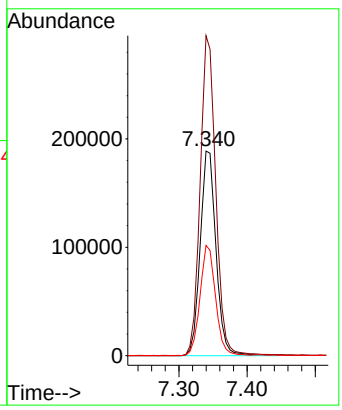


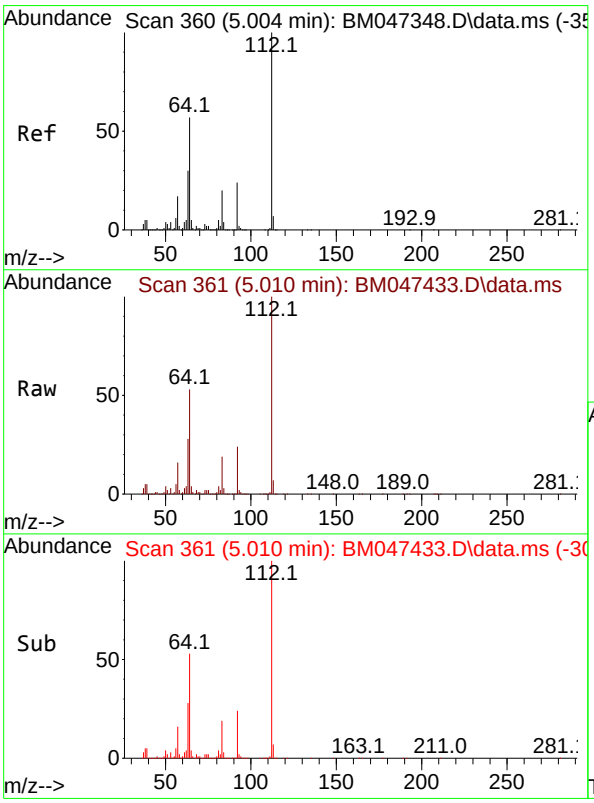
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 7
Delta R.T. -0.011 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Instrument :
BNA_M
ClientSampleId :
PB163106BL

Tgt Ion:152 Resp: 304859

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.3	181.9
115	53.9	42.6	64.0

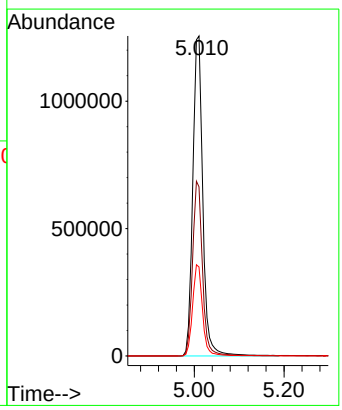


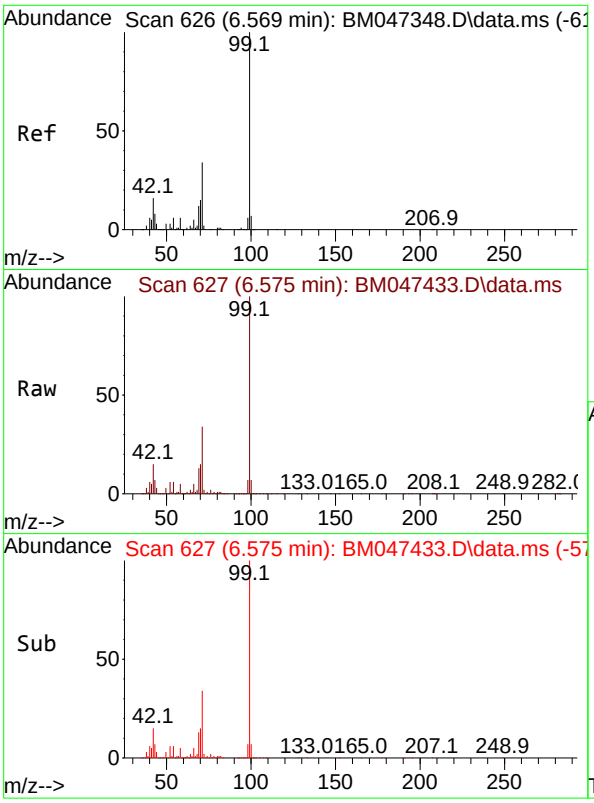


#5
2-Fluorophenol
Concen: 122.414 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:112 Resp: 1945157

Ion	Ratio	Lower	Upper
112	100		
64	52.9	45.7	68.5
63	27.8	23.8	35.8



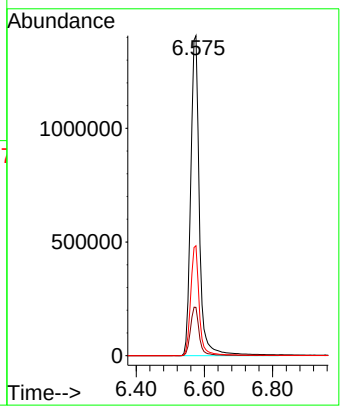


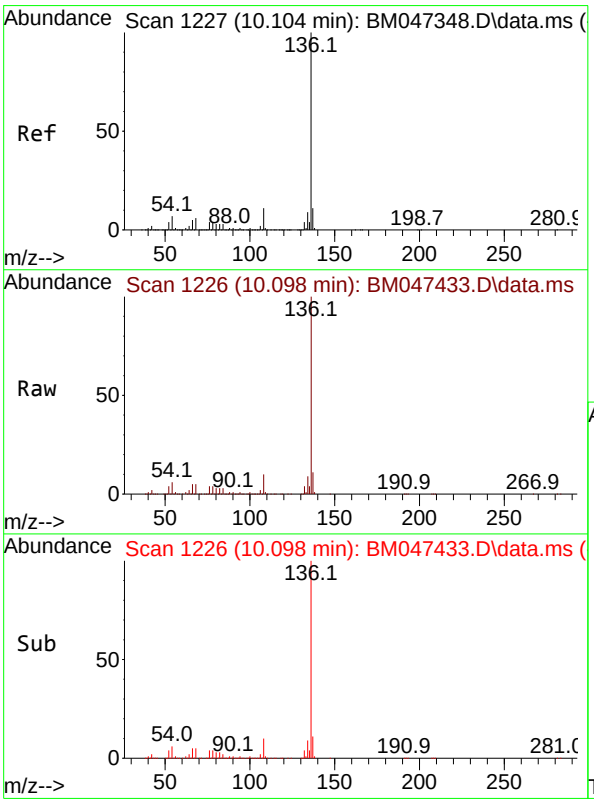
#7
Phenol-d6
Concen: 115.003 ng
RT: 6.575 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Instrument :
BNA_M
ClientSampleId :
PB163106BL

Tgt Ion: 99 Resp: 2489398

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.0	19.4
71	34.4	27.5	41.3

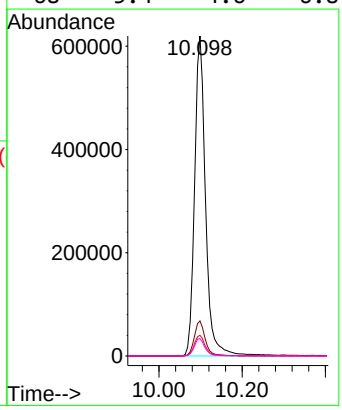


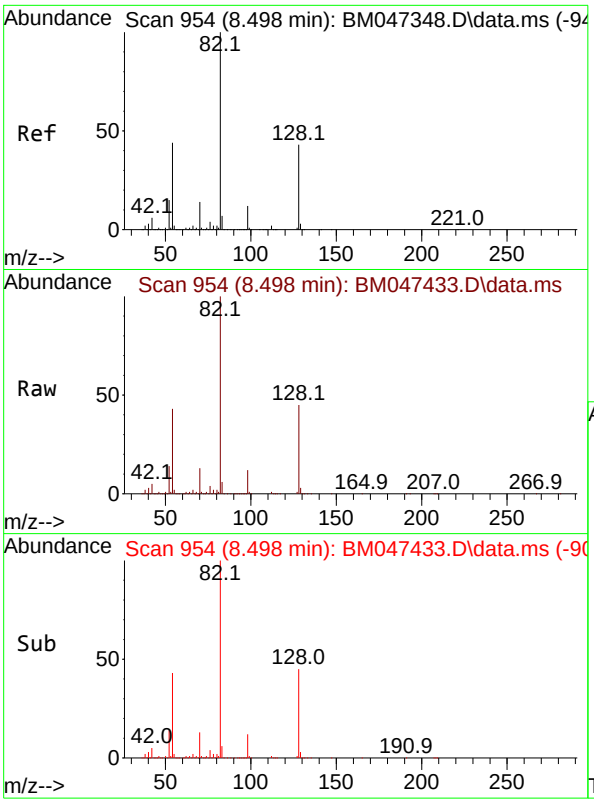


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:136 Resp: 1135119

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.2	7.8
68	5.4	4.6	6.8



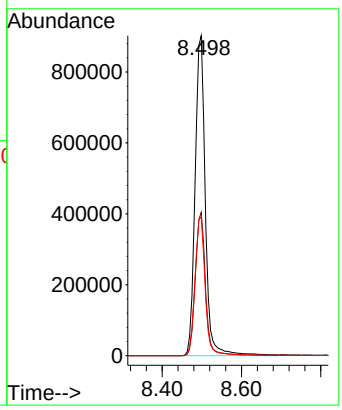


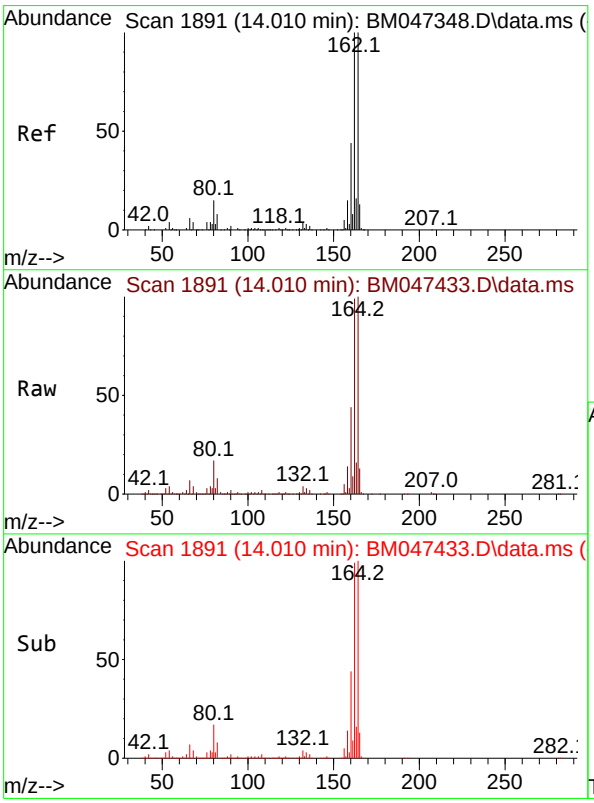
#23
Nitrobenzene-d5
Concen: 79.295 ng
RT: 8.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Instrument :
BNA_M
ClientSampleId :
PB163106BL

Tgt Ion: 82 Resp: 1622200

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	43.5	35.5	53.3

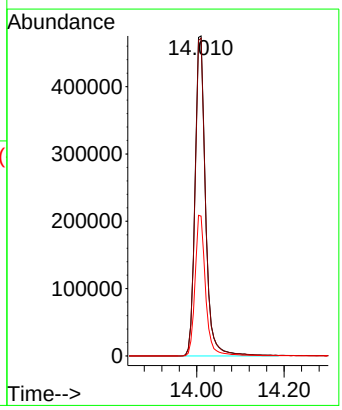


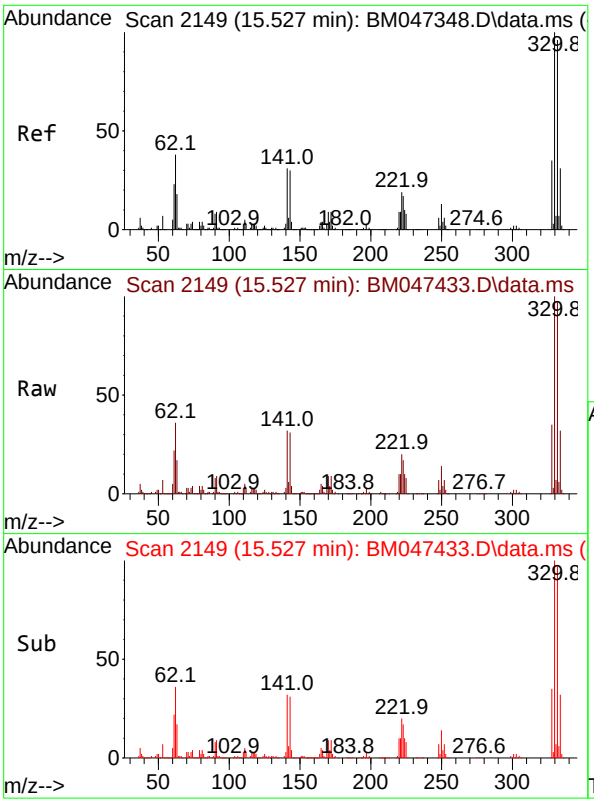


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:164 Resp: 797318

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.7	119.5
160	43.7	34.9	52.3



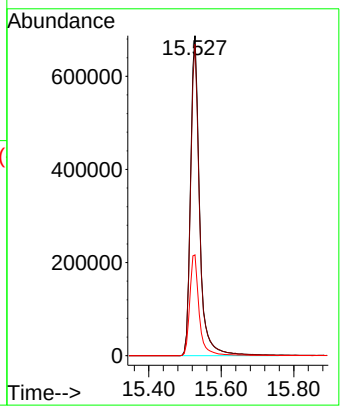


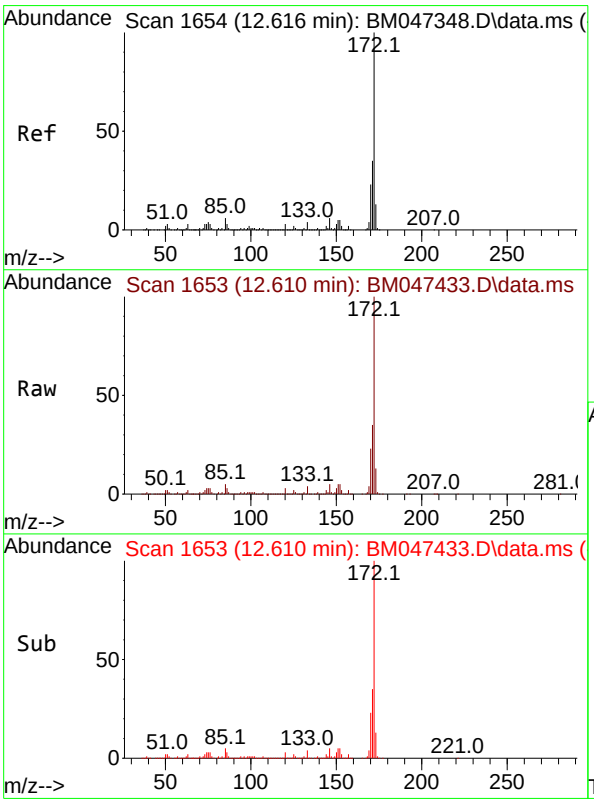
#42
2,4,6-Tribromophenol
Concen: 124.877 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Instrument :
BNA_M
ClientSampleId :
PB163106BL

Tgt Ion:330 Resp: 1201260

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	32.5	27.6	41.4

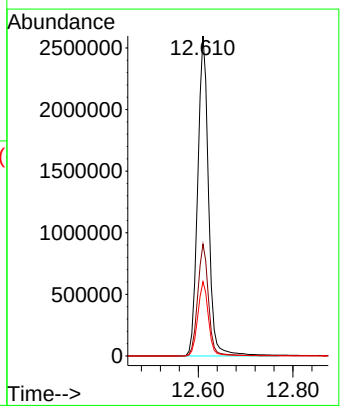


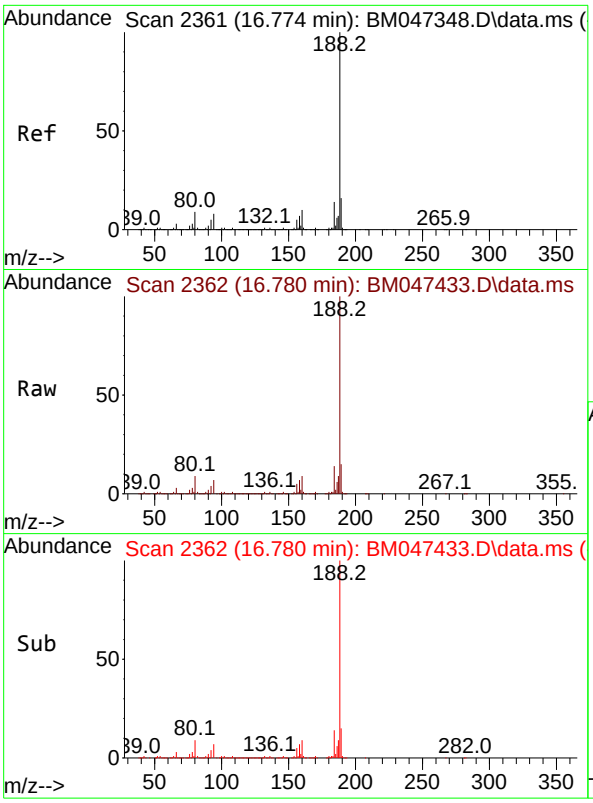


#45
2-Fluorobiphenyl
Concen: 79.420 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:172 Resp: 4121251

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.2	18.5	27.7



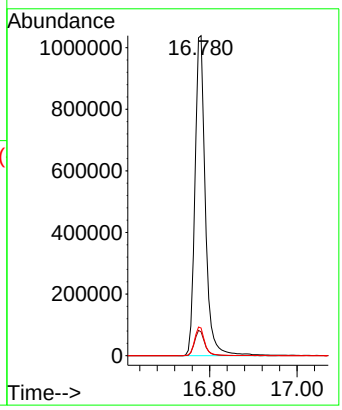


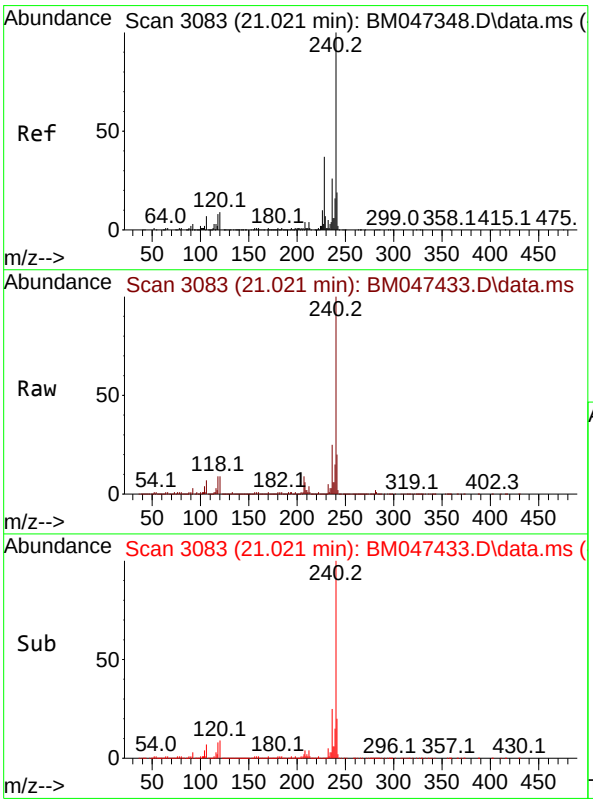
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Instrument :
BNA_M
ClientSampleId :
PB163106BL

Tgt Ion:188 Resp: 1718132

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	8.7	7.4	11.2

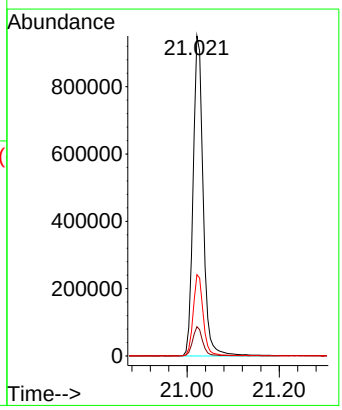


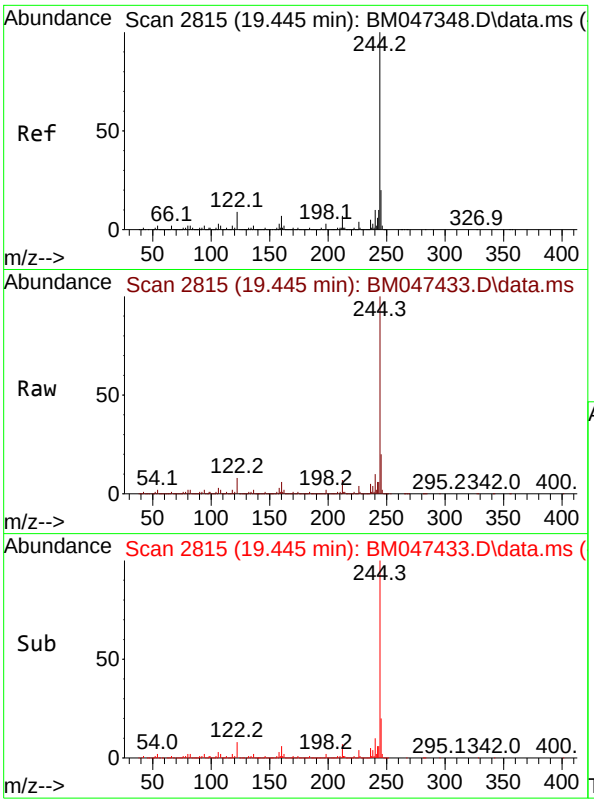


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:240 Resp: 1439259

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.4	11.0
236	25.4	20.8	31.2



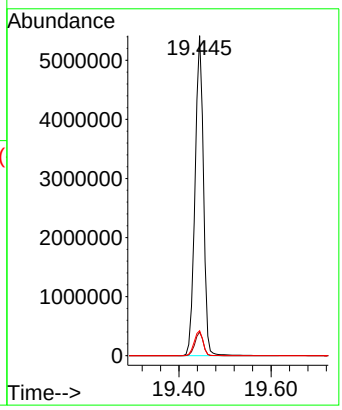


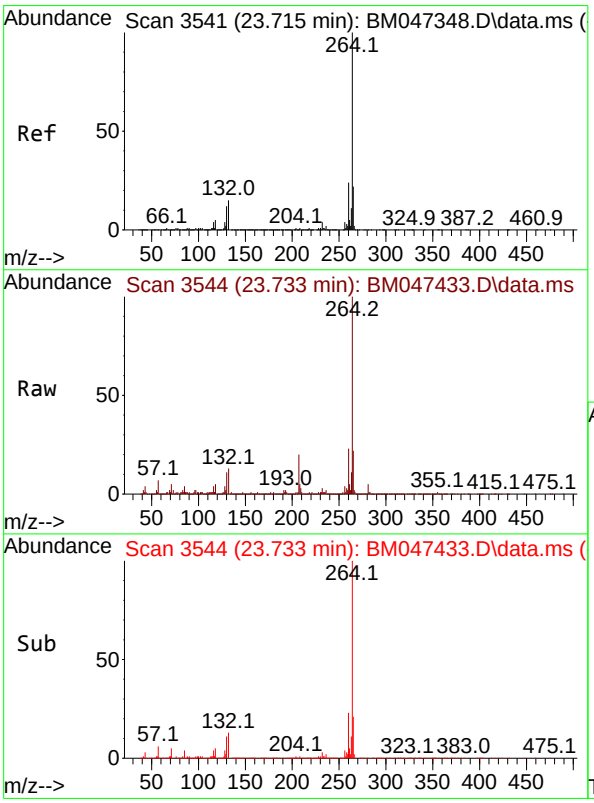
#79
Terphenyl-d14
Concen: 84.477 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Instrument :
BNA_M
ClientSampleId :
PB163106BL

Tgt Ion:244 Resp: 6830713

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.8	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3544
Delta R.T. 0.018 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:264 Resp: 1377596

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.7	17.8	26.6